



**The CADD/GIS
Technology Center**

for facilities, infrastructure, and environment

A/E/C CADD Standard

Appendix D

The A/E/C CADD Standard is
compliant with Version 2.0
of the U.S. National
CAD Standard.

The A/E/C CADD Standard
contains supplemental materials
and DoD specific requirements
not addressed in the U.S. National
CAD Standard.



Release 2.0

Approved For Public Release; Distribution Is Unlimited

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A/E/C CADD Standard

Main Text and Appendices A, B, and C
Appendix D

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Appendix D

A/E/C CADD Symbolology

This appendix provides the A/E/C CADD Symbolology as follows:

General Drafting

Lines

DEMOLN – Demolition LineD1-3

Symbols

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Hazardous Materials

Lines

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Transport D2-3

Symbols

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BIOSMP – Biological Sample Location D2-7
EGDECN – Equipment Decontamination D2-7
EGONST – Onsite Command Post D2-7
EGSITE – Site Information Center D2-7
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EYEWAS – Emergency Eyewash D2-8
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Monitoring Station D2-9
LANGAS – Landfill Gas Monitor Probe D2-9
MAGLOC – Magnetometer Det. Locat. D2-9
MATSMPL – Solid Material Sample
Location D2-9
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RESTR – Restricted Access D2-9
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SOLSMP – Soil Sample Location D2-9
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SWTQST – Surface Water Quality
Monitoring Station D2-10
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Survey/Mapping

Lines

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Linear Pattern D3-3
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Linear Pattern D3-3
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Communication Line D3-3
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Communication Line D3-3
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Electrical Line D3-4
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Electrical Line D3-4
ESUGX – Existing Underground Secondary
Electrical Line D3-4
EUDUCX – Existing Underground
Ductbank D3-4
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FUELOR – Fuel Oil Return D3-5
FUELOS – Fuel Oil Supply D3-5
FUELOV – Fuel Oil Tank Vent D3-5
GUARD – Guardrail D3-5
INDXDC – Index Depth Contour D3-5
IWASTE – Industrial Waste D3-5
LIQPET – Liquid Petroleum Gas D3-5
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NTGASX – Exist. Natural Gas Piping D3-6
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PROPL – Property Line D3-6
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TOWWT2 – White Beacon Tower w/Topmark	D3-51
TREEC – Tree, Coniferous	D3-52
TREED – Tree, Deciduous	D3-52
TREEG – Tree, Generic	D3-52
TRFSIG – Traffic Signal Mast Arm	D3-52
TRIPNT – Triangulation Point	D3-52
TRVALT – Transformer Vault	D3-52
TSCTRL – Traffic Signal Controller	D3-52
TSHEAD – Traffic Signal Head	D3-52
TSPBX – Traffic Signal Pullbox	D3-52
TSPHS – Traffic Signal Phase No., Thru	D3-53
TSPHT – Traffic Signal Phase No., Turn	D3-53
TSVLDT – Traffic Signal Vehicle Loop Detector	D3-53
TWCLL – Taxiway Centerline Light	D3-53
TWELEL – Elevated Taxiway End Light	D3-53
TWELSF – Semiflush Taxiway End Light	D3-53
TWGSgn – Taxiway Guidance Sign	D3-53
TWLEL – Elevated Taxiway Edge Light	D3-53
TWLSF – Semiflush Taxiway Edge Light	D3-53
USHWY – US Highway Symbol	D3-54

UTPLX – Existing Pole	D3-54
VCDATA – Vertical Curve Data	D3-54
VERCPT – Vertical Control Point	D3-54
WAHHOL – Water Handhole	D3-54
WAMETR – Water Meter	D3-54
WAPLNT – Water Plant	D3-54
WASOFT – Water Softener	D3-54
WAVALT – Water Valve Vault	D3-54
WEIR – Weir	D3-55
WELL1 – Wellhead, Above Water	D3-55
WELL3 – Wellhead, Above Water	D3-55
WINDCN – Windcone	D3-55
WITHYP – Port Hand Withy	D3-55
WITHYS – Starboard Hand Withy	D3-55
WRECK – Wreck, Not Dangerous	D3-55
WRKDNG – Wreck, Danger Depth Unknown	D3-55
WRKEXP – Wreck, Partly Exposed	D3-55
XFRPLX – Existing Transformer Pole	D3-56
XFRPMX – Existing Transformer Pad	D3-56

Geotechnical

Patterns

AGGLOM – Agglomerate or Flow Breccia	D4-3
ANDES – Andesite	D4-3
BASALT – Basalt	D4-3
BRECCA – Breccia	D4-3
CHALK – Chalk or Marl	D4-3
CHERT – Chert	D4-3
CLAYST – Claystone or Siltstone	D4-3
CMPSHL – Compaction Shale	D4-3
COAL – Coal	D4-3
CONGLM – Conglomerate	D4-4
CSHALE – Cemented Shale	D4-4
CSJNT – Closely Spaced Joints	D4-4
DIORIT – Diorite	D4-4
DOLOM – Dolomite	D4-4
GABBRO – Gabbro	D4-4
GNEISS – Gneiss	D4-4
GRANIT – Granite	D4-4
GRAYWC – Graywacke	D4-4
HFRACT – Highly Fractured	D4-5
LIMEST – Limestone	D4-5
MARBL1 – Marble	D4-5

MSJNT – Moderately Spaced Joints.....	D4-5
QUARTZ – Quartzite	D4-5
RHYOLT – Rhyolite.....	D4-5
SANDST – Sandstone.....	D4-5
SCHIST – Schist	D4-5
SHELL – Shells.....	D4-5
SLATE – Slate	D4-6
SOAPST – Soapstone or Serpentine.....	D4-6
TUFF – Tuff or Tuff Breccia	D4-6
USCS1 – USCS Soil Symbol.....	D4-6
USCS10 – OL, Organic Clay or Silt, Low Liquid Limit.....	D4-6
USCS11 – Pt, Peat	D4-6
USCS12 – SC, Clayey Sand.....	D4-6
USCS13 – SM, Silty Sand	D4-6
USCS14 – SP, Poorly Graded Sand.....	D4-6
USCS15 – SW, Well Graded Sand	D4-7
USCS2 – CL, Lean Clay	D4-7
USCS3 – GC, Clayey Gravel.....	D4-7
USCS4 – GM, Silty Gravel.....	D4-7
USCS5 – GP, Poorly Graded Gravel	D4-7
USCS6 – GW, Well Graded Gravel	D4-7
USCS7 – MH, Inorganic Silt, High Liquid Limit.....	D4-7
USCS8 – ML, Inorganic, Silt, Low Liquid Limit.....	D4-7
USCS9 – OH, Organic Clay or Silt, High Liquid Limit.....	D4-7
WOOD – Wood Symbol	D4-8
WSJNT – Widely Spaced Joints	D4-8
ZONECL – Zones of Core Loss	D4-8

Symbols

ANCHOL – Angle Cored Hole (Arrow=Dir).....	D4-11
ANTICL – Anticline.....	D4-11
BHHNUM – Backhoe Hole Number	D4-11
BOLOGR – Boring Log Refusal	D4-11
CCHNUM – Concrete Core Hole Number.....	D4-11
CDRDSH – Consolidated-Drained Direct Shear	D4-11
CONDRA – Consolidated Drained.....	D4-11
CONSOL – Consolidation	D4-11
CONTST – Consolidation Test	D4-11
CONUDR – Consolidated Undrained.....	D4-12
CPNHOL – Cone Penetrometer Hole	D4-12

CUDRTT – Consolidated-Undrained Triaxial Test	D4-12
DSCHOL – Drive Sampled (SPT) and Cored.....	D4-12
DSHOL – Drive Sample (SPT) Hole.....	D4-12
FBLCK1 – Fault Block Movement 1....	D4-12
FBLCK2 – Fault Block Movement 2....	D4-12
HAHNUM – Hand Auger Hole Number	D4-12
HANGF1 – High Angle Fault 1	D4-12
HANGF2 – High Angle Fault 2	D4-13
HDHNUM – Hand Dug Hole Number	D4-13
HEXAGN – Hexagon Symbol	D4-13
HOLNUM – Hole Number, Elevation, Offset	D4-13
HRZBED – Horizontal Beds.....	D4-13
MOISTC – Moisture Content	D4-13
NSAHOL – Nonsampled Area of Hole	D4-13
OBSHOL – Piezometer or Observation Hole.....	D4-13
OPBLOG – Open Boring Log	D4-13
PAHNUM – Power Auger Hole Number	D4-14
PIEZOM – Piezometer	D4-14
PROPEX – Proposed Exploration	D4-14
PTHNUM – Perc Test Hole Number....	D4-14
RDHNUM – Rotary Drill Hole Number	D4-14
RSLASH – Refusal Slashes	D4-14
SAMPLE – Sample.....	D4-14
SDIJNT – Strike Dip of Inclined Joint.....	D4-14
SQUARE – Square Symbol	D4-14
STRKDP – Strike Dip.....	D4-15
STRKVJ – Strike of Vertical Joint	D4-15
STRKVP – Strike w/Vertical Dip	D4-15
SYNCLN – Syncline	D4-15
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TSTHOL – Test Hole Symbol	D4-15
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UCONUT Unconsolidated-Undrained Triaxial Test	D4-15
UDENIS – Undisturbed Denison or Push	D4-15
ULIMIT – Unsatisfactory Limit	D4-16
VCHOL – Vertical Core Hole.....	D4-16
VHNUM – Vibracore Hole Number....	D4-16

WASHBR – Washbored	D4-16
WBHNUM – Wash Boring Hole Number	D4-16
WLEVDL – Water Level Date Left	D4-16
WTRLEV – Water Level	D4-16

Civil

Lines

BARDIT – Ditch Barrier	D5-3
BARDTB – Ditch and Berm Barrier	D5-3
BARGEN – Generic Security Barrier	D5-3
BARMAS – Security Masonry Barrier	D5-3
CONLMT – Construction Limit	D5-3
CULVRT – Culvert Pipe	D5-3
DITCH – Ditch Line	D5-3
FENCE – Fence	D5-3
FIRE – Fire Protection Water Supply	D5-3
FUELOS – Fuel Oil Return	D5-4
FUELOS – Fuel Oil Supply	D5-4
FUELOV – Fuel Oil Tank Vent	D5-4
GOVTKL – Government Taking Line	D5-4
GUARD – Guardrail	D5-4
INDXDC – Index Depth Contour	D5-4
IWASTE – Industrial Waste	D5-4
LIQPET – Liquid Petroleum Gas	D5-4
MINRDC – Minor Depth Contour	D5-4
NONPOT – Nonpotable Water	D5-5
NTGASN – Natural Gas Piping	D5-5
NTGASX – Exist. Natural Gas Piping	D5-5
PROJBL – Project Boundary Line	D5-5
PROPL – Property Line	D5-5
RAILRD – Railroad	D5-5
RTOFWY – Right of Way	D5-5
SSWAF – Sanitary Sewer	D5-5
SSWAFX – Existing Sanitary Sewer	D5-5
STRAF – Storm Drain	D5-6
STRAFX – Existing Storm Drain	D5-6
TREEL – Tree Line	D5-6
WATERL – Water Line	D5-6
WATRX – Existing Water Line	D5-6
WWFBRC – Welded Wire Fabric	D5-6

Patterns

CONCST – Concrete, Stone	D5-9
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FILTBD – Filtration Bed	D5-9
GRAVEL – Gravel	D5-9
LSWAMP – Large Swamp	D5-9
POROUS – Porous	D5-9
RIPRAP – Riprap	D5-9

Symbols

AIRFLD – Airfield Symbol	D5-13
ARRPT – Parking Turn Arrow	D5-13
ARRSD – Straight Direction Arrow	D5-13
ARRST – Straight and Turn Arrow	D5-13
BREAK – Break Line Symbol	D5-13
BUOY – Buoy	D5-13
CATBSN – Catch Basin	D5-13
CATBSR – Round Catch Basin	D5-13
CDHDR – Core Drill Hole Drilled	D5-13
CDHUDR – Core Drill Hole Undrilled	D5-14
CLNOUT – Cleanout	D5-14
CNR90 – Corner Solid 90	D5-14
CNRSF – Corner Solid Flat	D5-14
CNTLIN – Centerline Symbol	D5-14
COGRAV – Center of Gravity Symbol	D5-14
CULVEE – Culvert End	D5-14
DBLARR – Double Arrow Terminator	D5-14
DRLHOL – Drill Hole	D5-14
FLARRL – Flow Arrow Left in 0 Pt.	D5-15
FLARRR – Flow Arrow Right in 0 Pt.	D5-15
FOMETR – Fuel Oil Meter	D5-15
FOMHOL – Fuel Oil Manhole	D5-15
FOVALT – Fuel Oil Vault	D5-15
GREASE – Grease Trap	D5-15
GRITCH – Grit Chamber	D5-15
GSMETR – Gas Meter	D5-15
GSPLNT – Gas Plant	D5-15
GSRECR – Gas Receiver	D5-16
GSTRAP – Gas Trap	D5-16
GSVALT – Gas Valve Vault	D5-16
HEADWL – Headwall	D5-16
HNDCAP – Handicap Chair Symbol	D5-16
HORCPT – Horizontal Control Point	D5-16
HOVCPT – Horiz. Vert. Control Point	D5-16
HUREYE – Hurricane Eye	D5-16
HYDRNT – Hydrant	D5-16
INSHWY – Interstate Highway Symbol	D5-17
IWMETR – Industrial Waste Water Meter	D5-17
IWMHOL – Industrial Waste Water Manhole	D5-17

JNBX – Junction Box.....	D5-17
MONWEL – Monitoring Well.....	D5-17
PHOCPT – Photo Control Point.....	D5-17
PIINFO – PI Information	D5-17
PIVALV – Post Indicator Valve	D5-17
PMPSTA – Pump Station	D5-17
RGVALV – Regulator Valve.....	D5-18
RRSIGN – Rail Signal	D5-18
RRSWTC – Rail Switch.....	D5-18
SCNRH – Section Corner Hatched.....	D5-18
SCNRO – Section Corner Open.....	D5-18
SDMHOL – Storm Drainage Manhole.....	D5-18
SHRUBC – Shrub, Coniferous	D5-18
SHRUBD – Shrub, Deciduous.....	D5-18
SIGN – Sign	D5-18
SNMHOL – Sanitary Manhole	D5-19
SNPVSL – Sanitary Pressure Vessel.....	D5-19
SNVALT – Sanitary Valve Vault.....	D5-19
SPOTEL – Ground Spot Elevation.....	D5-19
SPTANK – Septic Tank.....	D5-19
STHWY – State Highway Symbol.....	D5-19
STMPIT – Steam Pit.....	D5-19
SWAMP – Swamp	D5-19
TIDEG – Tide Gage	D5-19
TIRETR – Tire Treddle.....	D5-20
TNKBG – Tank, Below Ground.....	D5-20
TNKHAG – Tank, Horizontal	
Above Ground	D5-20
TNKVAG – Tank, Vertical	
Above Ground	D5-20
TRACR – Traffic Arm w/Card Reader.....	D5-20
TRAMS – Traffic Arm,	
Mechanical Swing.....	D5-20
TREEC – Tree, Coniferous	D5-20
TREED – Tree, Deciduous.....	D5-20
TREEG – Tree, Generic	D5-20
USHWY – US Highway Symbol	D5-21
VCDATA – Vertical Curve Data.....	D5-21
VERCPT – Vertical Control Point.....	D5-21
WAHHOL – Water Handhole.....	D5-21
WAMETR – Water Meter.....	D5-21
WAPLNT – Water Plant.....	D5-21
WASOFT – Water Softener.....	D5-21
WAVALT – Water Valve Vault.....	D5-21

Landscape

Lines

FENCE – Fence Line.....	D6-3
LAWNSP – Lawn Sprinkler Supply.....	D6-3
TREEL – Tree Line.....	D6-3

Symbols

SHRUBC – Shrub, Coniferous	D6-7
SHRUBD – Shrub, Deciduous.....	D6-7
TREEC – Tree, Coniferous.....	D6-7
TREED – Tree, Deciduous.....	D6-7
TREEG – Tree, Generic.....	D6-7

Structural

Lines

BERM – Berm.....	D7-3
CMP127 – CMP 127 mm x 25 mm.....	D7-3
CMP152 – CMP 152 mm x 51 mm.....	D7-3
CMP38 – CMP 38 mm x 6 mm.....	D7-3
CMP51 – CMP 51 mm x 13 mm.....	D7-3
CMP68 – CMP 68 mm x 13 mm.....	D7-3
CMP76 – CMP 76 mm x 25 mm.....	D7-3
DECKCR – Corrugated Metal Deck.....	D7-3
DECKFL – Metal Floor Deck.....	D7-3
DECKRF – Metal Roof Deck	D7-4
GROUND – Ground	D7-4
INTRLK – Interlocking Steel Members..	D7-4
PS31 – PS31 Sheet Pile.....	D7-4
PS31H – PS31 Sheet Pile Hidden.....	D7-4
PSA23 – PSA23 Sheet Pile.....	D7-4
PSA23H – PSA23 Sheet Pile Hidden	D7-4
PZ22 – PZ22 Sheet Pile	D7-4
PZ22H – PZ22 Sheet Pile Hidden.....	D7-4
PZ27 – PZ27 Sheet Pile	D7-5
PZ27H – PZ27H Sheet Pile Hidden.....	D7-5
PZ35 – PZ35 Sheet Pile	D7-5
PZ35H – PZ35 Sheet Pile Hidden.....	D7-5
PZ40 – PZ40 Sheet Pile	D7-5
PZ40H – PZ40 Sheet Pile Hidden.....	D7-5
REBR12 – Rebar at 12 Inch	D7-5
REBR18 – Rebar at 18 Inch	D7-5

REBR6 – Rebar at 6 Inch.....	D7-5
REBR9 – Rebar at 9 Inch.....	D7-6
RIPPLN – Riprap Plan View	D7-6
ROCK – Rock	D7-6
SHORLN – Shore Line	D7-6
WWFBRC – Welded Wire Fabric	D7-6

Objects

4FRB – 4" Flat Ribbed Waterstop.....	D7-9
6FRBHD – 6" Flat Ribbed Waterstop, Heavy Duty	D7-9
6FRBLW – 6" Flat Ribbed Waterstop, Light Weight.....	D7-9
6RCBHD – 6" Ribbed Waterstop with Center Bulb, Heavy Duty	D7-9
6RCBLW – 6" Ribbed Waterstop with Center Bulb, Light Weight	D7-9
9FLBHD – 9" Flat Ribbed Waterstop Heavy Duty.....	D7-9
9FRBLW – 9" Flat Ribbed Waterstop Light Weight.....	D7-9
9RCBHD – 9" Ribbed Waterstop with Center Bulb, Heavy Duty	D7-9
9RCBLW – 9" Ribbed Waterstop with Center Bulb, Light Weight	D7-9
BOX – Box Pile.....	D7-10
CMUFL – Fluted Concrete Block, 8 X 8 X 16	D7-10
CMURIB – Ribbed Concrete Block, 8 X 8 X 16	D7-10
CMUSF – Split Face Concrete Block, 8 X 8 X 16	D7-10
CMUSTR – Structural Concrete Block, 8 X 8 X 16	D7-10
PLZ23 – PLZ23 Sheet Piling.....	D7-10
PLZ25 – PLZ25 Sheet Piling.....	D7-10
PS27.5 – PS27.5 Sheet Pile	D7-10
PS31 – PS31 Sheet Pile.....	D7-10
PSA23 – PSA23 Sheet Pile.....	D7-11
PZ22 – PZ22 Sheet Pile	D7-11
PZ27 – PZ27 Sheet Pile	D7-11
PZ35 – PZ35 Sheet Pile	D7-11
PZ40 – PZ40 Sheet Pile	D7-11
RC230 – RC230 Sheet Pile Connection.....	D7-11
RC231 – RC231 Sheet Pile Connection.....	D7-11
ZC270 – PZ22 PZ27 L Connection.....	D7-11
ZC271 – PZ22 PZ27 L Connection.....	D7-11
ZC272 – PZ22 PZ27 L Connection.....	D7-12

ZC273 – PZ22 PZ27 L Connection.....	D7-12
ZC274 – PZ22 PZ27 L Connection.....	D7-12
ZC275 – PZ22 PZ27 L Connection.....	D7-12
ZC276 – PZ22 PZ27 L Connection.....	D7-12
ZC277 – PZ22 PZ27 L Connection.....	D7-12
ZC278 – PZ22 PZ27 L Connection.....	D7-12
ZC279 – PZ22 PZ27 L Connection.....	D7-12
ZC350 – PZ35 PZ40 L Connection.....	D7-12
ZC351 – PZ35 PZ40 L Connection.....	D7-13
ZC352 – PZ35 PZ40 L Connection.....	D7-13
ZC353 – PZ35 PZ40 L Connection.....	D7-13
ZC354 – PZ35 PZ40 L Connection.....	D7-13
ZC355 – PZ35 PZ40 L Connection.....	D7-13
ZC356 – PZ35 PZ40 L Connection.....	D7-13
ZC357 – PZ35 PZ40 L Connection.....	D7-13
ZC358 – PZ35 PZ40 L Connection.....	D7-13
ZC359 – PZ35 PZ40 L Connection.....	D7-13
ZT270 – PZ22 PZ27 T Connection.....	D7-14
ZT271 – PZ22 PZ27 T Connection.....	D7-14
ZT350 – PZ35 PZ40 T Connection.....	D7-14
ZT351 – PZ35 PZ40 T Connection.....	D7-14
ZX270 – PZ22 PZ27 Cross Connection.....	D7-14
ZX350 – PZ35 PZ40 Cross Connection.....	D7-14

Patterns

CONCST – Concrete, Stone	D7-17
EEARTH – Existing Earth.....	D7-17
GRAVEL – Gravel.....	D7-17

Symbols

ANBOLT – Anchor Bolt.....	D7-21
CNTLIN – Centerline Symbol	D7-21
COLLIN – Column Line/Grid Indicator.....	D7-21
JSTBR1 – Joist Bar, Single Line	D7-21
JSTBR2 – Joist Bar, Single Line	D7-21
PLATE – Plate Symbol.....	D7-21

Architectural

Lines

INBATT – Loose Fill Batt. Insulation.....	D8-3
WWFBRC – Welded Wire Fabric	D8-3

Objects

BRKGL – Glazed Brick	D8-7
CMU – Masonry Unit	D8-7
CMUBLK – Concrete Block, 8X8X16...	D8-7
CMUCOR – Concrete Block, 8X8X16 Corner	D8-7
CMUEND – Concrete Block, 8X8X16 End.....	D8-7
CMUGL – Glazed Concrete Block.....	D8-7
CMUSTR – Concrete Block, 8X8X16 Str.	D8-7
DOR18L – Left Door, 180 Degree Swing	D8-7
DOR18R – Right Door, 180 Degree Swing	D8-7
DORBFL – Left Bifold Door.....	D8-8
DORBFR – Right Bifold Door	D8-8
DORCPV – Door Center Pivot.....	D8-8
DORCYL – Cylindrical Door	D8-8
DORDBL – Left Double Door.....	D8-8
DORDBR – Right Double Door	D8-8
DORDEL – Left Double Egress Door	D8-8
DORDER – Right Double Egress Door..	D8-8
DORFSL – Left Single Full Swing Door	D8-8
DORFSR – Right Single Full Swing Door	D8-9
DOROVH – Overhead Door.....	D8-9
DORPOC – Door Pocket	D8-9
DORRUP – Roll Up Door	D8-9
DORSHL – Left Single Hinged Door.	D8-9
DORSHR – Right Single Hinged Door. .	D8-9
DORSLD – Sliding Door	D8-9
DORSLS – Sliding Surface Door	D8-9
DORSPL – Left Single Pivot Door.....	D8-9
DORSPR – Right Single Pivot Door	D8-10
DORUDL – Left Uneven Double Door	D8-10
DORUDR – Right Uneven Dbl. Door ..	D8-10
LINTEL – Concrete Beam Bond Lintel	D8-10
WINAWN – Window Awning	D8-10
WINBAY – Projected Bay Window	D8-10
WINBOW – Projected Bow Window ...	D8-10
WINBOX – Projected Box Window	D8-10
WINDCI – Window Double Casement Inward Open	D8-10
WINDCO – Window Double	

Casement Outward Open	D8-11
WINDH – Double Hung Window.....	D8-11
WINFIX – Fixed 1 Foot Window	D8-11
WINJAL – Jalousie Window	D8-11
WINOSL – Sliding Window Left Operating Sash	D8-11
WINOSR – Sliding Window Right Operating Sash	D8-11
WINPIV – Pivot Window	D8-11
WINSCL – Window Single Casement Left Jamb Hinge	D8-11
WINSCR – Window Single Casement Right Jamb Hinge.....	D8-11
WINSH – Single Hung Window	D8-12

Patterns

ADOBE – Masonry/Adobe Rammed Earth.....	D8-15
ALUMIN – Aluminum.....	D8-15
ASHLER – Stone Ashler	D8-15
BRASS – Bronze Brass	D8-15
BRBLCO – Coursed Brick Block.....	D8-15
BRCOBD – Common Bond Brick.....	D8-15
BRENB – English Bond Brick.....	D8-15
BRFLBD – Flemish Bond Brick.....	D8-15
BRFLCB – Flemish Common Bond.....	D8-15
BRKCF – Common/Face Brick	D8-16
BRKELE – Brick Elevation	D8-16
BRRNBD – Brick Running Bond.....	D8-16
BRSTBD – Brick Stack Bond.....	D8-16
CCBSS – Cast Concrete Block, Small Scale	D8-16
CCELEV – Concrete Cement Elevation	D8-16
CDTOP – Cementitious Deck & Topping.....	D8-16
CMUBP – CMU Block.....	D8-16
CMUELB – Elevation Block	D8-16
CONBLK – Concrete Block	D8-17
CONCCN – Concrete, Cinder.....	D8-17
CONCLW – Concrete, Light Weight ...	D8-17
CONCPR – Precast Cast-in-Place Concrete.....	D8-17
CONCST – Concrete, Stone	D8-17
CONPBS – Pumice Block Concrete, Small Scale	D8-17
CSTIRN – Cast Iron.....	D8-17

CSTSTN – Cast Stone	D8-17
CTILSS – Ceramic Tile, Small Scale.....	D8-17
CUTSTN – Cut Stone	D8-18
EARTH – Compacted Fill Earthwork.....	D8-18
FIBFSF – Fibrous Fire Safing.....	D8-18
GLASS – Structural Glass	D8-18
GROUT – Grout	D8-18
GRVCRE – Crushed Rock Earth Gravel	D8-18
GRVPFE – Porous Fill Gravel Earthwork	D8-18
GRVSCL – Sand Clay Gravel.	D8-18
GYPPE – Gypsum Plaster Plan & Elevation	D8-18
INSQLT – Large Scale Insulation Quilts	D8-19
INSRIG – Rigid Insulation.....	D8-19
INSSCM – Solid Cork Magnesia Insulation	D8-19
MARBL2 – Marble Stone.....	D8-19
RIPRAP – Riprap.....	D8-19
ROCK – Rock Earthwork	D8-19
RUBBLE – Stone Rubble	D8-19
SAND – Sand.....	D8-19
STEEL – Steel and other Metals.....	D8-19
STNSQR – Squared Stone.....	D8-20
TCBCSS – Terra Cotta (Small Scale) Brick Cotta.....	D8-20
TCELEV – Terra Cotta Elevation.....	D8-20
TCUSS – Terra Cotta (Small Scale) Unglazed	D8-20
TERRZO – Terrazzo.....	D8-20
TILCER – Ceramic Tile Elevation.....	D8-20
TILESF – Structural Facing Tile.....	D8-20

Symbols

ARCPBW – Architectural Particleboard Woodwork.....	D8-23
ASBDLS – Large Scale Asbestos Board.....	D8-23
ASBDSS – Small Scale Asbestos Board.....	D8-23
BATHCO – Corner Bath	D8-23
BATHEM – Emergency Bath	D8-23
BATHFT – Foot Bath.....	D8-23
BATHHA – Hydrotherapy Arm Bath....	D8-23
BATHHH – Hydrotherapy Hubbard Bath	D8-23

BATHHL – Hydrotherapy Leg Bath	D8-23
BATHIF – Infant Bath	D8-24
BATHIN – Institutional Bath.....	D8-24
BATHRC – Recessed Bath.....	D8-24
BATHRR – Roll Rim Bath.....	D8-24
BATHSZ – Sitz Bath	D8-24
BATHWP – Whirlpool Bath.....	D8-24
BIDET – Watercloset Bidet.....	D8-24
BRFACC – Brick Face on Common.....	D8-24
BRFIRE – Fire Brick.....	D8-24
BSSFLG – Bluestone / Slate / Soapstone / Flagging	D8-25
CANWCT – Can Washer, Cabinet Type	D8-25
CANWDT – Can Washer, Dish Type ..	D8-25
CARPET – Carpet and Pad.....	D8-25
CPLANK – Concrete Plank	D8-25
DFPROJ – Drinking Fountain, Projecting Type.....	D8-25
DFRECS – Drinking Fountain, Recessed Type	D8-25
DFSREC – Drinking Fountain, Semi-Recessed Type.....	D8-25
DOORID – Door Opening Identifier	D8-25
DSHWSH – Commercial Dishwasher ..	D8-26
EQPMID – Equipment Identifier	D8-26
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Interiors

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Lines

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STDDRY – Dry Standpipe	D10-3
STDWET – Wet Standpipe	D10-3

Symbols

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Manually Actuated.....	D10-20
WBDSSA – Water-Based Dry System	
Automatically Actuated.....	D10-20
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Automatically Actuated.....	D10-20
WBFSMA – Water-Based Foam System	
Manually Actuated.....	D10-20
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Automatically Actuated.....	D10-20
WBWSMA – Water-Based Wet System,	
Manually Actuated.....	D10-20

Plumbing

Lines

CDRNAF – Condensate Drain.....	D11-3
CLDWTR – Potable Cold Water	D11-3
CMPAIR – Compressed Air	D11-3
DIOWTR – Deionized Water.....	D11-3
DSTWTR – Distilled Water.....	D11-3
FIRE – Fire Protection Water Supply ..	D11-3
FUELOR – Fuel Oil Return	D11-3
FUELOS – Fuel Oil Supply	D11-3
FUELOV – Fuel Oil Tank Vent.....	D11-3
HELIUM – Helium.....	D11-4
HWTR – Potable Hot Water	D11-4
HWTRR – Potable Hot Water Return ..	D11-4
HYDRGN – Hydrogen.....	D11-4
ICWTR – Industrial Cold Water	D11-4
IHWTRR – Industrial Hot Water Return	D11-4
IHWTRS – Industrial Hot Water Supply	D11-4
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LIQNIT – Liquid Nitrogen.....	D11-4
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NONPOT – Nonpotable Water.....	D11-5
NTGASN – Natural Gas Piping	D11-5
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SHWTRS – Sanitizing Hot Water Supply (180F).....	D11-6
SSWAF – Sanitary Sewer	D11-6
STRAF – Storm Drain	D11-6
VACAIR – Vacuum Air.....	D11-6
VENT – Vent.....	D11-6
VENTWS – Vent and Waste Combination	D11-6

Symbols

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EL90SC – 90 Degree Elbow.....	D11-9
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ELDBSC – Double Branch Elbow.....	D11-9
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ELODSC – Side Outlet Elbow, Outlet Down	D11-9
ELOUSC – Side Outlet Elbow, Outlet Up	D11-9
ELSTRT – Street Elbow	D11-10
ELTDSC – Turned Down Elbow.....	D11-10
ELTUSC – Turned Up Elbow.....	D11-10
FCO – Floor Cleanout.....	D11-10
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FDNT – Floor Drain with No Trap.....	D11-10
FDTP – Floor Drain with Trap Prime..	D11-10
FDWT – Floor Drain with Trap.....	D11-10
FLBLND – Blind Flange.....	D11-11
FLOW3 – Flow Arrow.....	D11-11
FLRPEN – Iso. Floor Penetration.....	D11-11
GAUGE – Gauge	D11-11
HANGRD – Hanger Rod	D11-11
HANGSP – Hanger Spring	D11-11
ISOEWC – Isometric EWC	D11-11
ISOLAV – Isometric Lavatories	D11-11
ISOMOP – Isometric Mop Sink	D11-11
ISOUR1 – Isometric Wall Mounted Urinals	D11-12
ISOWC1 – Isometric Floor Mounted Water Closet.....	D11-12
ISOWC2 – Isometric Wall Mounted Water Closet.....	D11-12
LOOPL – Left Dimension Loop	D11-12
LOOPR – Right Dimension Loop.....	D11-12
PLGBFL – Bull Plug, Flanged.....	D11-12
PLGPSC – Pipe Plug.....	D11-12
PRGGCO – Pressure Gauge and Cock.....	D11-12
PUMP – Pump.....	D11-12
PUMPP – Pump (Schematic).....	D11-13
PUMPS – In-Line Pump	D11-13
SLEEVE – Sleeve.....	D11-13
STGLAS – Sight Glass	D11-13
STRAIN – Strainer.....	D11-13

STRBLO – Blow Off Strainer	D11-13
TDSSC – Double Sweep Tee	D11-13
THERM – Thermometer	D11-13
TRAPST – Steam Trap	D11-13
TSODSC – Tee, Side Outlet, Outlet Down	D11-14
TSOUSC – Tee, Side Outlet, Outlet Up	D11-14
TSSSC – Straight Size Tee	D11-14
TSSWSC – Single Sweep Tee	D11-14
UNIOSC – Union	D11-14
VA3WAM – 3-Way Air Motor Controlled Valve	D11-14
VA3WEM – 3-Way Electric Motor Controlled Valve	D11-14
VA3WM – 3-Way Manual Valve	D11-14
VAAHOS – Angle Hose Valve	D11-14
VABALL – Ball Valve	D11-15
VABFLY – Butterfly Valve	D11-15
VACWR – Condenser Water Regulating Valve	D11-15
VADISC – Diaphragm Valve	D11-15
VAEMTR – Valve Actuator Electric Motor	D11-15
VAESOL – Valve Actuator Electric Solenoid	D11-15
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VAGLAM – Air Motor Controlled Globe Valve	D11-15
VAGLE – Angle Globe Valve (Elevation)	D11-15
VAGLSE – Globe Valve	D11-16
VAGSE – Angle Gate Valve, (Elevation)	D11-16
VAGSP – Angle Gate Valve (Plan)	D11-16
VAGTSE – Gate Valve	D11-16
VAHASC – Hose Angle Valve	D11-16
VAHGLS – Hose Globe Valve	D11-16
VAHGSC – Hose Gate Valve	D11-16
VALSSC – Lock Shield Valve	D11-16
VAMAGS – Magnetic Stop Valve	D11-16
VAMNNS – Valve Actuator Manual Nonrising Stem	D11-17
VAMOGS – Motor Operated Gate Valve	D11-17
VAMOLS – Motor Operated Globe Valve	D11-17
VAMOSY – Valve Actuator Manual	

Outside Stem & Yoke	D11-17
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VAPLUG – Plug Valve	D11-17
VAPMTD – Valve Actuator Pneumatic Motor Diaphragm	D11-17
VAPRED – Pressure Reducing Valve	D11-17
VAPRRD – Pressure Reducing Valve	D11-17
VAQOSC – Quick Opening Valve	D11-18
VARELF – Relief or Safety Valve	D11-18
VASCE – Angle Globe Valve (Elevation)	D11-18
VASCP – Angle Globe Valve (Plan)	D11-18
VASFSC – Safety Valve	D11-18
VASGCH – Swing Gate Check Valve	D11-18
VASNAP – Snap Action Valve	D11-18
VASOLN – Solenoid Valve	D11-18
VASPCCH – Spring Check Valve	D11-18
VASTSC – Gate Elbow	D11-19
VASWSC – Straight Way Check Valve	D11-19
VATPR – Temperature Pressure Relief Valve	D11-19
VLVCHK – Check Valve	D11-19

Mechanical

Lines

ACIDWS – Acid Waste	D12-3
AIRRLF – Atmospheric Vent	D12-3
BOILBD – Boiler Blow Down	D12-3
BRINER – Brine Return	D12-3
BRINES – Brine Supply	D12-3
CDRNAF – Condensate Drain	D12-3
CMPAIR – Compressed Air	D12-3
CONDP – Pumped Condensate	D12-3
CONDWR – Condenser Water Return	D12-3
CONDWS – Condenser Water Supply	D12-4
CWR – Chilled Water Return	D12-4
CWS – Chilled Water Supply	D12-4
DTR – Dual Temperature Return	D12-4
DTS – Dual Temperature Supply	D12-4
FILL – Fill Line	D12-4
GHR – Glycol Heating Return	D12-4
GHS – Glycol Heating Supply	D12-4
HPCNDR – High Pressure Condensate	D12-4

HTHWR – High Temperature Hot	
Water Return.....	D12-5
HTHWS – High Temperature Hot	
Water Supply.....	D12-5
HUMID – Humidification Line.....	D12-5
HWR – Low Temperature Hot	
Water Return.....	D12-5
HWS – Low Temperature Hot	
Water Supply.....	D12-5
ICWTR – Industrial Cold Water.....	D12-5
IHWTRR – Indust. Hot Water Return..	D12-5
IHWTRS – Indust. Hot Water Supply..	D12-5
IWASTE – Industrial Waste.....	D12-5
LPCNDR – Low Pressure Condensate..	D12-6
MAKEUP – Make Up Water.....	D12-6
MPCNDR – Medium Pressure	
Condensate.....	D12-6
MTHWR – Medium Temperature	
Hot Water Return.....	D12-6
MTHWS – Medium Temperature	
Hot Water Supply.....	D12-6
NONPOT – Nonpotable Water.....	D12-6
PNTUBE – Pneumatic Tube Runs.....	D12-6
REFRL – Refrigerant Liquid.....	D12-6
REFRS – Refrigerant Suction.....	D12-6
STEAMH – High Pressure Steam.....	D12-7
STEAML – Low Pressure Steam.....	D12-7
STEAMM – Medium Pressure Steam..	D12-7
TUVANE – Turning Vanes.....	D12-7
VACAIR – Vacuum Air.....	D12-7
VACPD – Vacuum Pump Discharge....	D12-7

Symbols

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Telecommunications

Lines

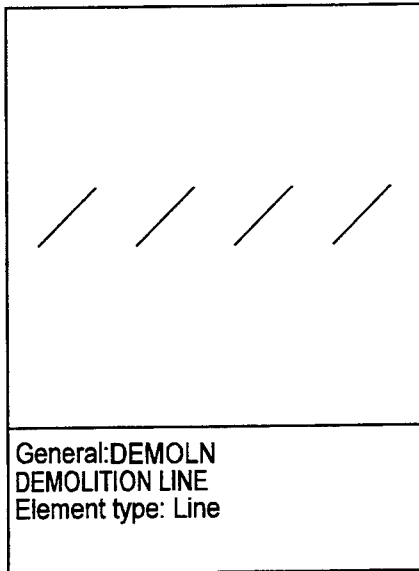
FIBOPT – Fiber Optics Line	D14-3
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Symbols

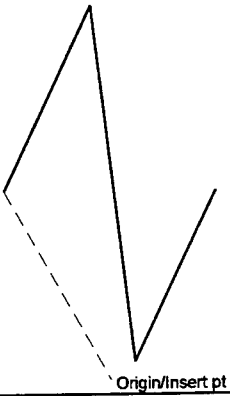

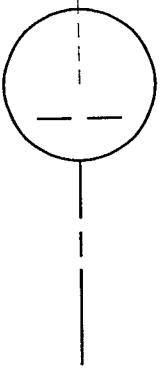
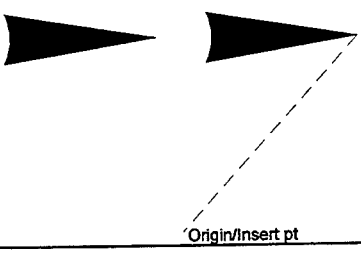
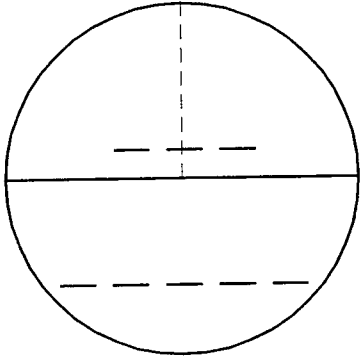
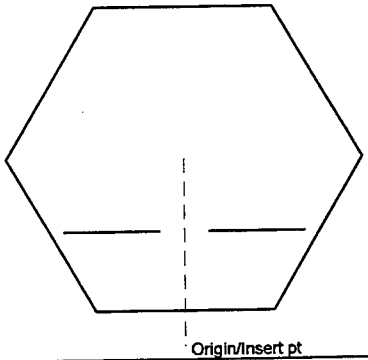
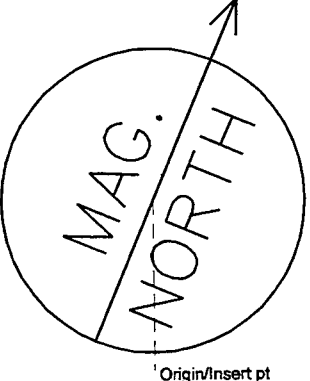
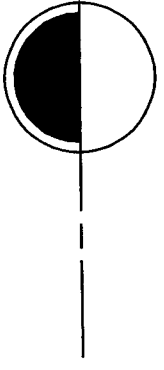
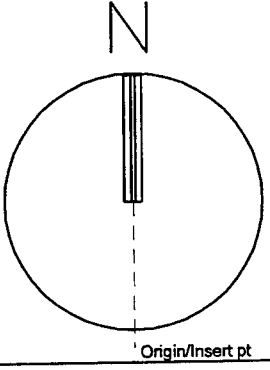
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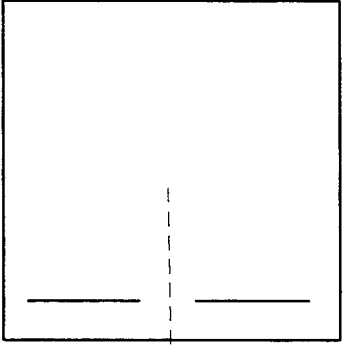
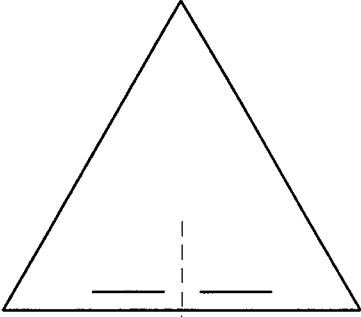
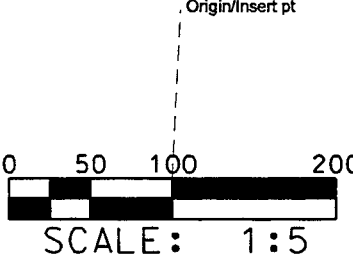
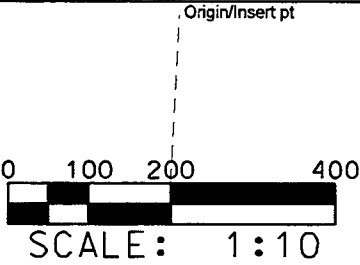
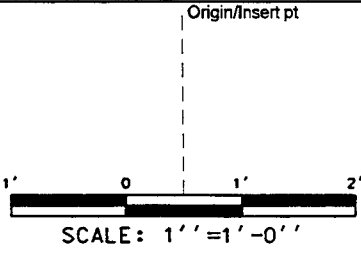
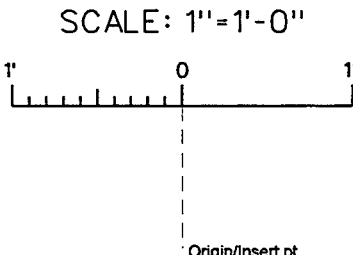
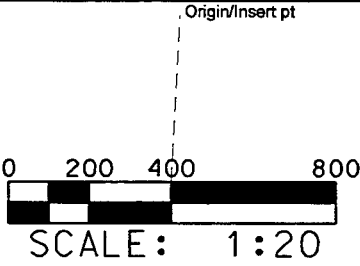
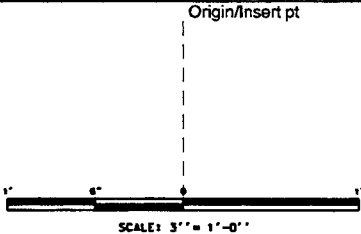
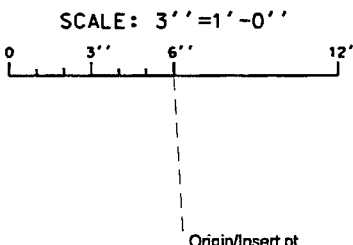
RECTDW – Telephone/Data Wall	
Receptacle.....	D14-7
RECTEF – Telephone Floor	
Receptacle.....	D14-7
RECTEL – Telephone Wall Receptacle	D14-7
TBOOTH – Telephone Booth.....	D14-7

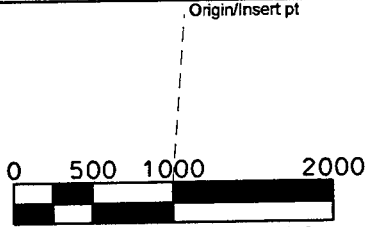
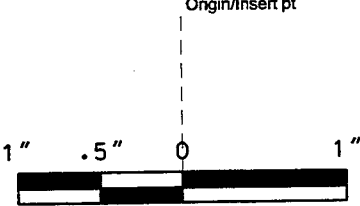
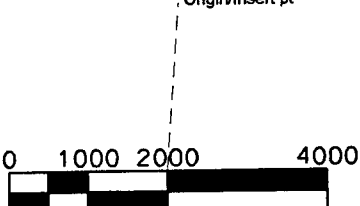
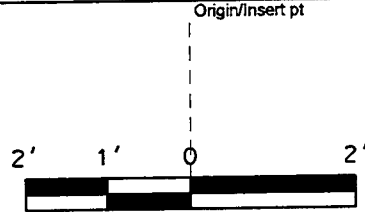
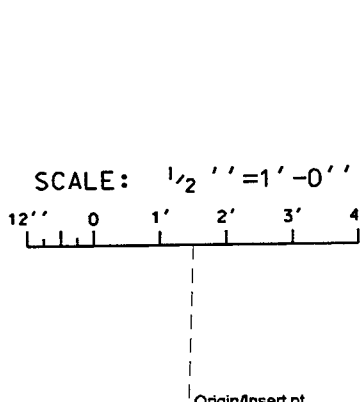
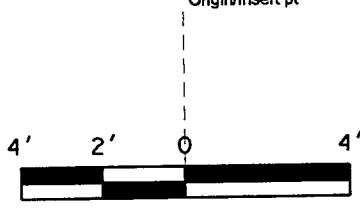
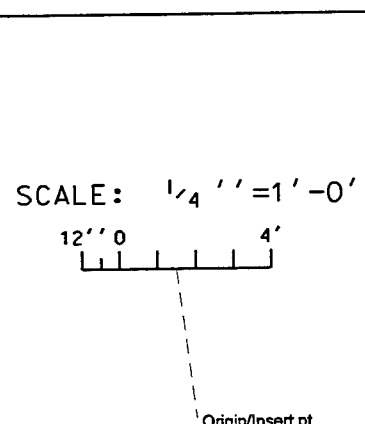
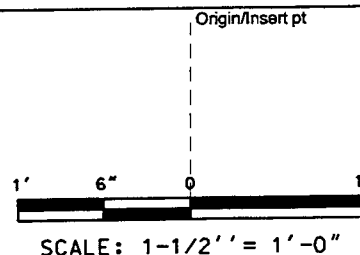
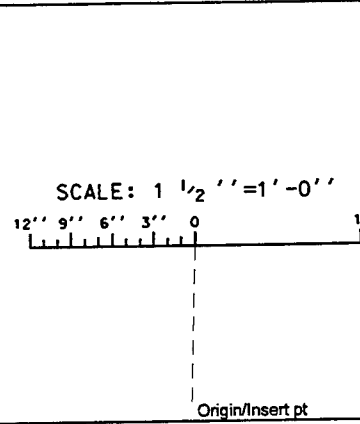
1 General Lines Library

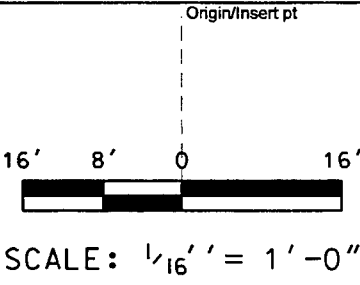
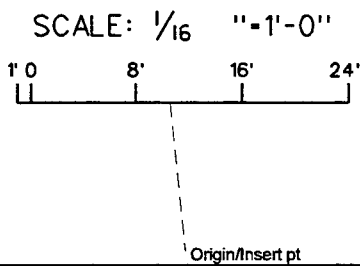
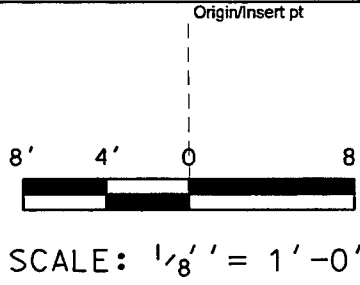
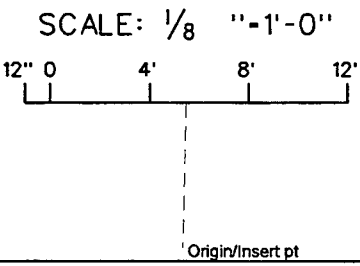
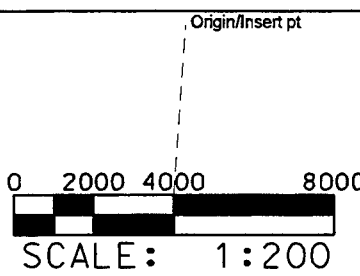
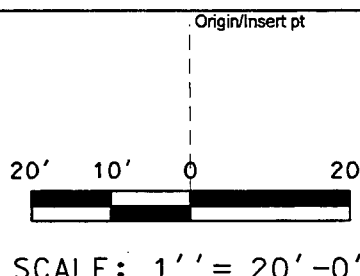
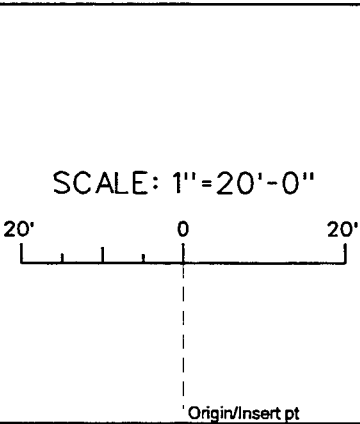
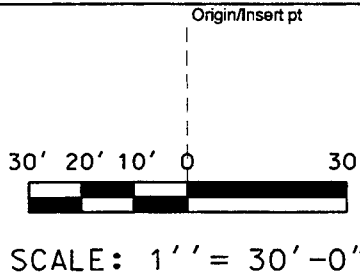
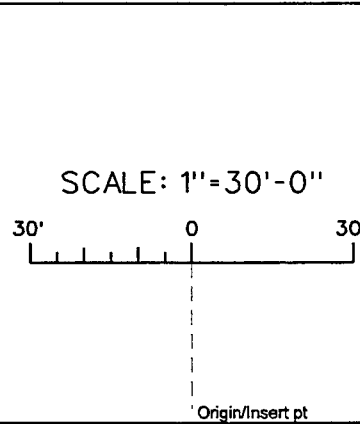


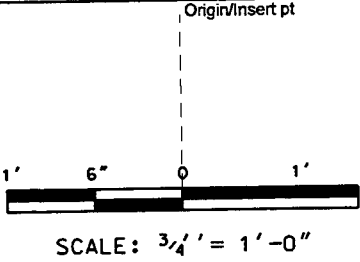
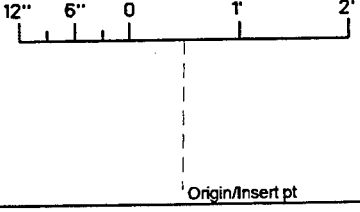
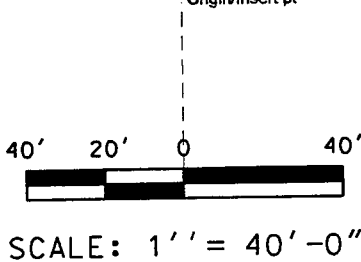
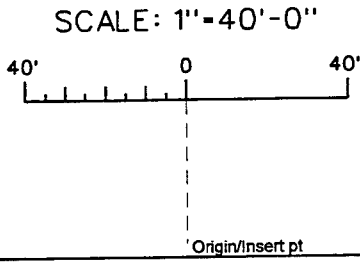
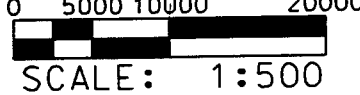
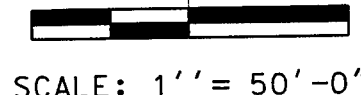
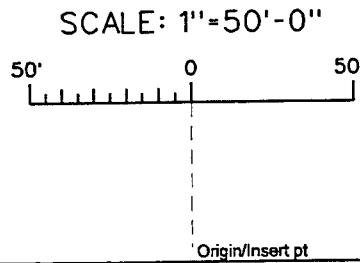
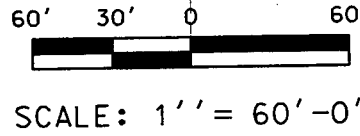
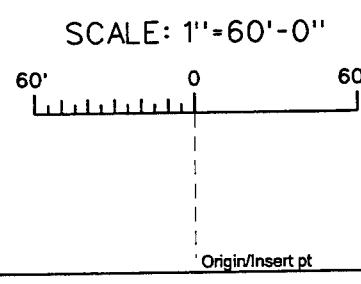
1 General Symbols Library

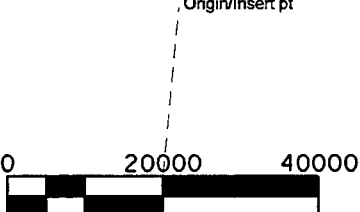
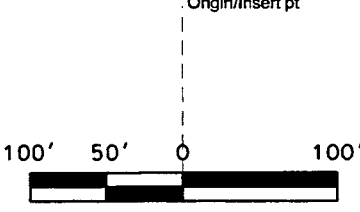
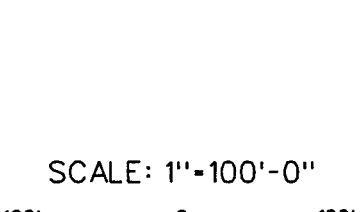
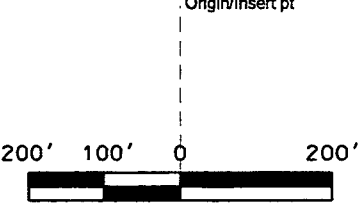
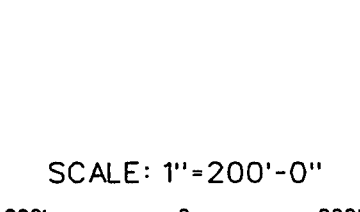

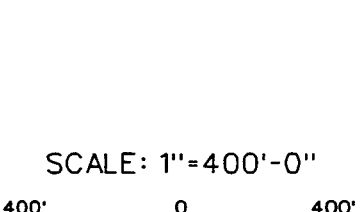
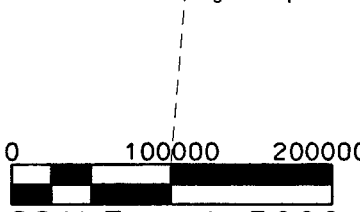
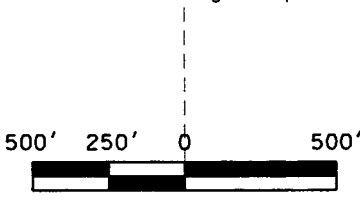
		
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<p>General: DBLARR DOUBLE ARROW TERMINATOR Element type: Symbol</p>	<p>General: DTLIND DETAIL INDICATOR Element type: Symbol</p>	<p>General: KEYIND KEYNOTE INDICATOR Element type: Symbol</p>
		
<p>General: MAGNOR MAGNETIC NORTH ARROW Element type: Symbol</p>	<p>General: MATIND MATCH LINE INDICATOR Element type: Symbol</p>	<p>General: NORIND NORTH INDICATOR Element type: Symbol</p>

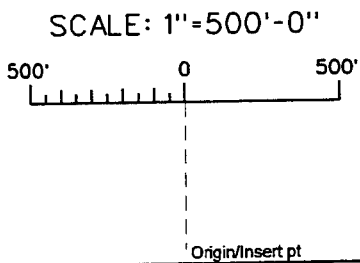
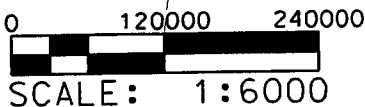
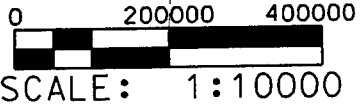
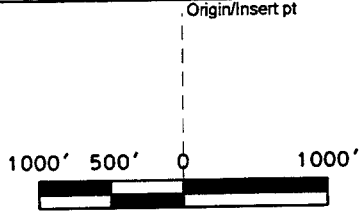
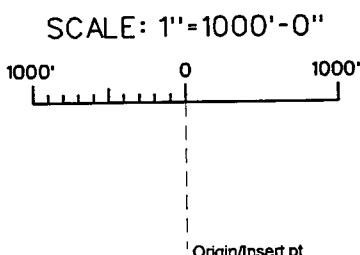
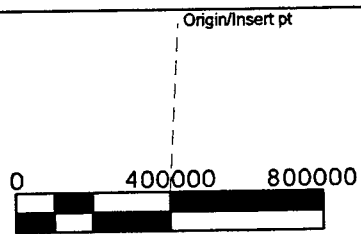
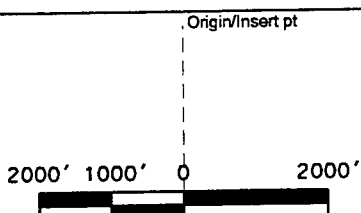
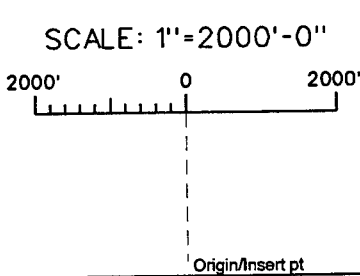
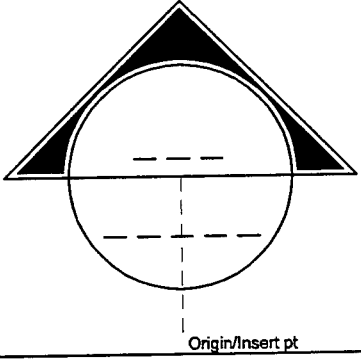
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<p>General:NOTIND NOTE INDICATOR Element type: Symbol</p>	<p>General:REVIND REVISION INDICATOR Element type: Symbol</p>	<p>General:S00005 SCALE 1 EQ 5 Element type: Symbol</p>
 <p>Origin/Insert pt</p>	 <p>Origin/Insert pt</p>	 <p>Origin/Insert pt</p>
<p>General:S00010 SCALE 1 EQ 10 Element type: Symbol</p>	<p>General:S0001B SCALE 1IN EQ 1FT Element type: Symbol</p>	<p>General:S0001G SCALE 1IN EQ 1FT Element type: Symbol</p>
 <p>Origin/Insert pt</p>	 <p>Origin/Insert pt</p>	 <p>Origin/Insert pt</p>
<p>General:S00020 SCALE 1 EQ 20 Element type: Symbol</p>	<p>General:S0003B SCALE 3IN EQ 1FT Element type: Symbol</p>	<p>General:S0003G SCALE 3IN EQ 1FT Element type: Symbol</p>

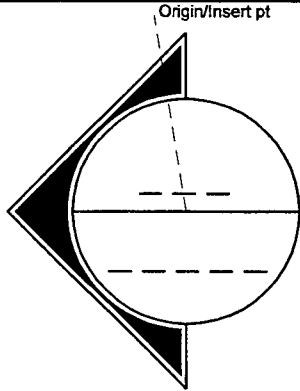
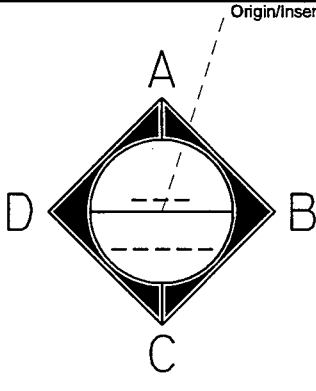
 <p>SCALE: 1:50</p>	 <p>SCALE: 1' = 1'</p>	 <p>SCALE: 1:100</p>
<p>General:S00050 SCALE 1 EQ 50 Element type: Symbol</p>	<p>General:S000B SCALE FULL Element type: Symbol</p>	<p>General:S00100 SCALE 1 EQ 100 Element type: Symbol</p>
 <p>SCALE: 1/2' = 1'-0"</p>	 <p>SCALE: 1/2' = 1'-0"</p>	 <p>SCALE: 1/4' = 1'-0"</p>
<p>General:S0012B SCALE 0.5IN EQ 1FT Element type: Symbol</p>	<p>General:S0012G SCALE 0.5IN EQ 1FT Element type: Symbol</p>	<p>General:S0014B SCALE 0.25IN EQ 1FT Element type: Symbol</p>
 <p>SCALE: 1/4' = 1'-0"</p>	 <p>SCALE: 1-1/2' = 1'-0"</p>	 <p>SCALE: 1-1/2' = 1'-0"</p>
<p>General:S0014G SCALE 0.25IN EQ 1FT Element type: Symbol</p>	<p>General:S0015B SCALE 1.5IN EQ 1FT Element type: Symbol</p>	<p>General:S0015G SCALE 1.5IN EQ 1FT Element type: Symbol</p>

 <p>Origin/Insert pt</p> <p>16' 8' 0 16'</p> <p>SCALE: $\frac{1}{16}" = 1'-0"$</p>	 <p>SCALE: $\frac{1}{16}" = 1'-0"$</p> <p>1' 0 8' 16' 24'</p> <p>Origin/Insert pt</p>	 <p>Origin/Insert pt</p> <p>8' 4' 0 8'</p> <p>SCALE: $\frac{1}{8}" = 1'-0"$</p>
<p>General:S0016B SCALE ONE 16TH IN EQ 1FT Element type: Symbol</p>	<p>General:S0016G SCALE ONE 16TH IN EQ 1FT Element type: Symbol</p>	<p>General:S0018B SCALE ONE 8TH IN EQ 1FT Element type: Symbol</p>
 <p>SCALE: $\frac{1}{8}" = 1'-0"$</p> <p>12" 0 4' 8' 12'</p> <p>Origin/Insert pt</p>	 <p>Origin/Insert pt</p> <p>0 2000 4000 8000</p> <p>SCALE: 1:200</p>	 <p>Origin/Insert pt</p> <p>20' 10' 0 20'</p> <p>SCALE: 1" = 20'-0"</p>
<p>General:S0018G SCALE ONE 8TH IN EQ 1FT Element type: Symbol</p>	<p>General:S0020G SCALE 1 EQ 200 Element type: Symbol</p>	<p>General:S0020B SCALE 1IN EQ 20FT Element type: Symbol</p>
 <p>SCALE: 1" = 20'-0"</p> <p>20' 0 20'</p> <p>Origin/Insert pt</p>	 <p>Origin/Insert pt</p> <p>30' 20' 10' 0 30'</p> <p>SCALE: 1" = 30'-0"</p>	 <p>SCALE: 1" = 30'-0"</p> <p>30' 0 30'</p> <p>Origin/Insert pt</p>
<p>General:S0020G SCALE 1IN EQ 20FT Element type: Symbol</p>	<p>General:S0030B SCALE 1IN EQ 30FT Element type: Symbol</p>	<p>General:S0030G SCALE 1IN EQ 30FT Element type: Symbol</p>

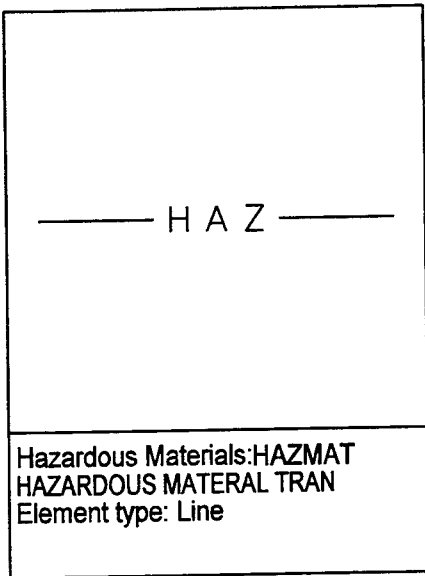
 <p>Origin/Insert pt</p> <p>SCALE: $\frac{3}{4}$" = 1'-0"</p>	 <p>Origin/Insert pt</p> <p>SCALE: $\frac{3}{4}$" = 1'-0"</p>	 <p>Origin/Insert pt</p> <p>SCALE: 1' = 40'-0"</p>
<p>General:S0034B SCALE 0.75IN EQ 1FT Element type: Symbol</p>	<p>General:S0034G SCALE 0.75IN EQ 1FT Element type: Symbol</p>	<p>General:S0040B SCALE 1IN EQ 40FT Element type: Symbol</p>
 <p>Origin/Insert pt</p> <p>SCALE: 1" = 40'-0"</p>	 <p>Origin/Insert pt</p> <p>SCALE: 1:500</p>	 <p>Origin/Insert pt</p> <p>SCALE: 1' = 50'-0"</p>
<p>General:S0040G SCALE 1IN EQ 40FT Element type: Symbol</p>	<p>General:S00500 SCALE 1 EQ 500 Element type: Symbol</p>	<p>General:S0050B SCALE 1IN EQ 50FT Element type: Symbol</p>
 <p>Origin/Insert pt</p> <p>SCALE: 1" = 50'-0"</p>	 <p>Origin/Insert pt</p> <p>SCALE: 1' = 60'-0"</p>	 <p>Origin/Insert pt</p> <p>SCALE: 1" = 60'-0"</p>
<p>General:S0050G SCALE 1IN EQ 50FT Element type: Symbol</p>	<p>General:S0060B SCALE 1IN EQ 60FT Element type: Symbol</p>	<p>General:S0060G SCALE 1IN EQ 60FT Element type: Symbol</p>

 <p>SCALE: 1:1000</p>	 <p>SCALE: 1' = 100'-0"</p>	 <p>SCALE: 1' = 100'-0"</p>
<p>General:S01000 SCALE 1 EQ 1000 Element type: Symbol</p>	<p>General:S0100B SCALE 1IN EQ 100FT Element type: Symbol</p>	<p>General:S0100G SCALE 1IN EQ 100FT Element type: Symbol</p>
 <p>SCALE: 1' = 200'-0"</p>	 <p>SCALE: 1' = 200'-0"</p>	 <p>SCALE: 1' = 400'-0"</p>
<p>General:S0200B SCALE 1IN EQ 200FT Element type: Symbol</p>	<p>General:S0200G SCALE 1IN EQ 200FT Element type: Symbol</p>	<p>General:S0400B SCALE 1IN EQ 400FT Element type: Symbol</p>
 <p>SCALE: 1' = 400'-0"</p>	 <p>SCALE: 1:5000</p>	 <p>SCALE: 1' = 500'-0"</p>
<p>General:S0400G SCALE 1IN EQ 400FT Element type: Symbol</p>	<p>General:S05000 SCALE 1 EQ 5000 Element type: Symbol</p>	<p>General:S0500B SCALE 1IN EQ 500FT Element type: Symbol</p>

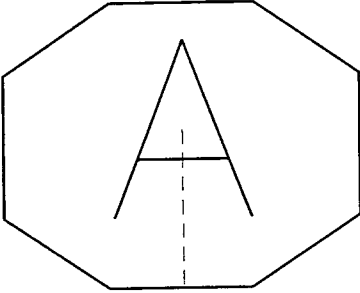
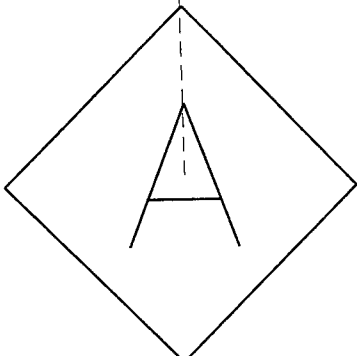
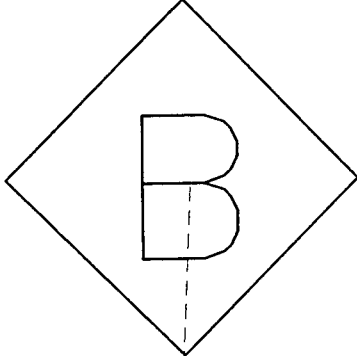
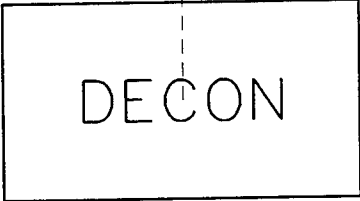
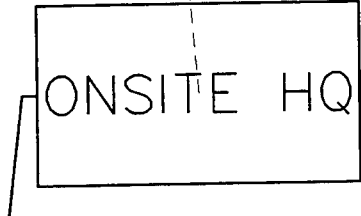


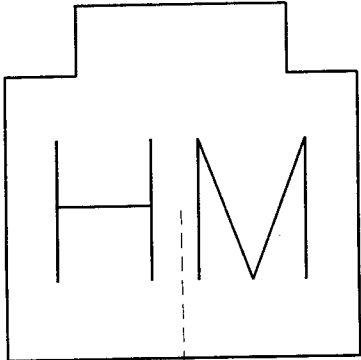
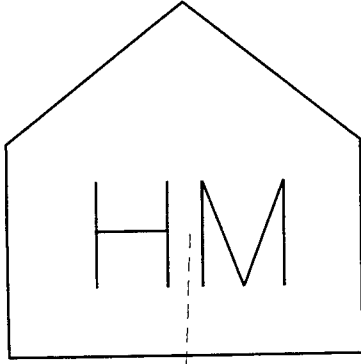
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<p>General:S0500G SCALE 1IN EQ 500FT Element type: Symbol</p>	<p>General:S06000 SCALE 1 EQ 6000 Element type: Symbol</p>	<p>General:S10000 SCALE 1 EQ 10000 Element type: Symbol</p>
 <p>SCALE: 1' = 1000'-0"</p>	 <p>SCALE: 1"=1000'-0"</p>	 <p>SCALE: 1:20000</p>
<p>General:S1000B SCALE 1IN EQ 1000FT Element type: Symbol</p>	<p>General:S1000G SCALE 1IN EQ 1000FT Element type: Symbol</p>	<p>General:S20000 SCALE 1 EQ 20000 Element type: Symbol</p>
 <p>SCALE: 1' = 2000'-0"</p>	 <p>SCALE: 1"=2000'-0"</p>	
<p>General:S2000B SCALE 1IN EQ 2000FT Element type: Symbol</p>	<p>General:S2000G SCALE 1IN EQ 2000FT Element type: Symbol</p>	<p>General:SECIN1 SECTION ELEVATION INDICATOR Element type: Symbol</p>

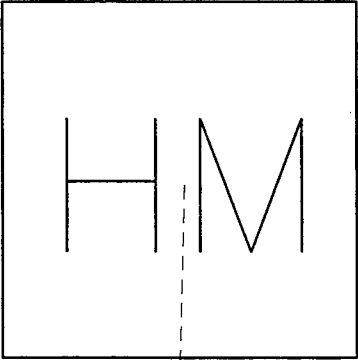
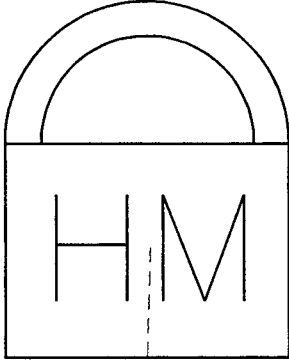
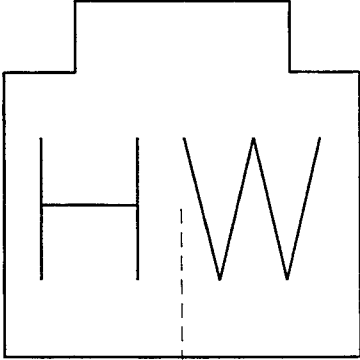
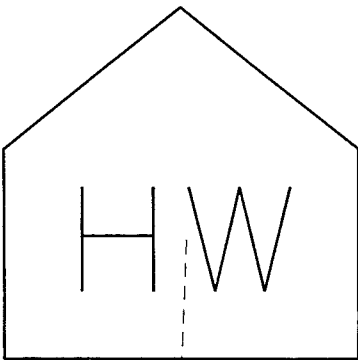
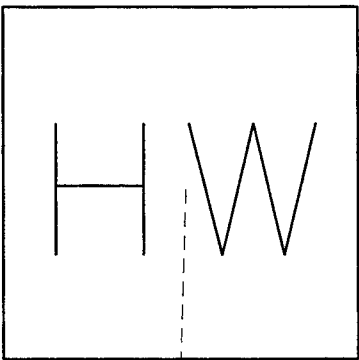
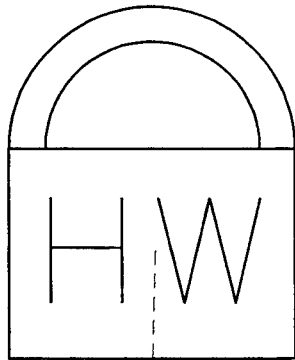
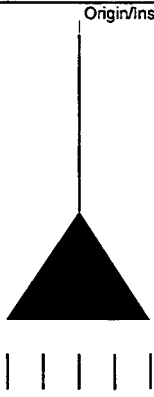
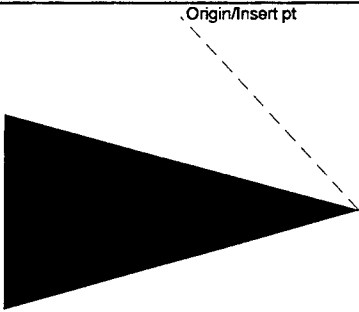
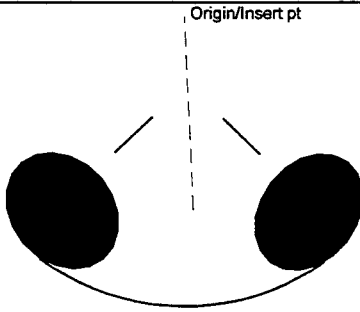
	
<p>General:SECIN2 SECTION ELEVATION INDICATOR Element type: Symbol</p>	<p>General:SECIN3 SECTION ELEVATION INDICATOR Element type: Symbol</p>

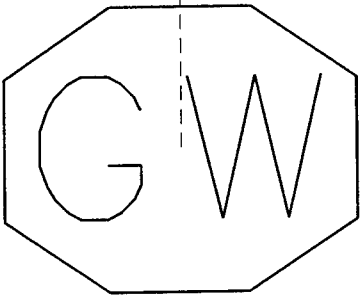
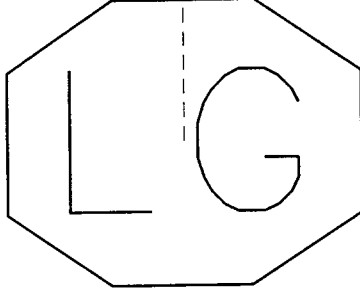
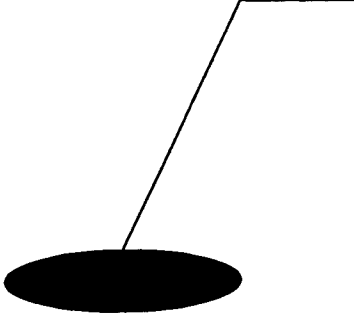
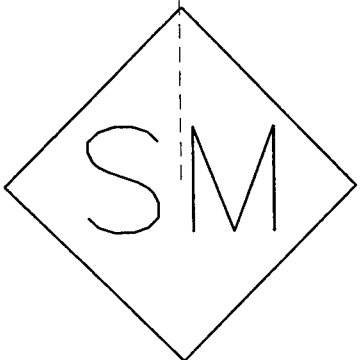
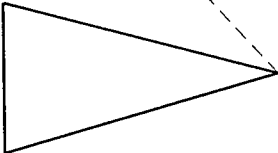
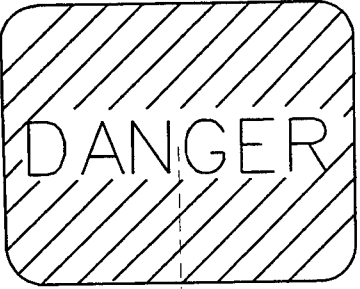
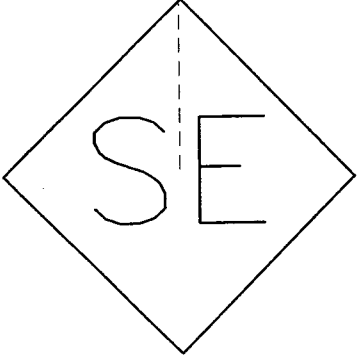
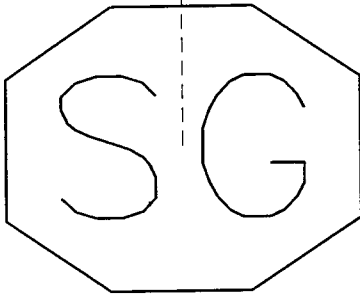
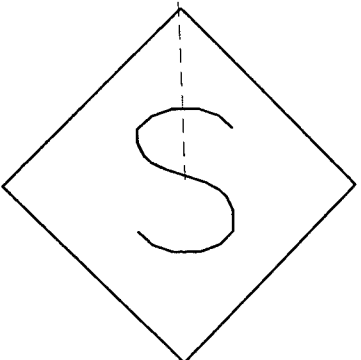
2 Hazardous Materials Lines Library

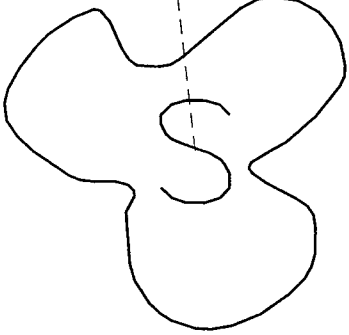
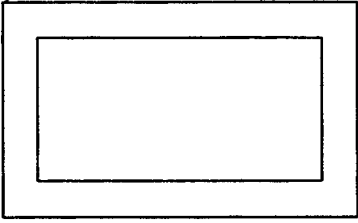
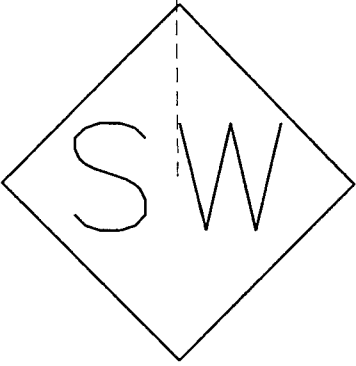
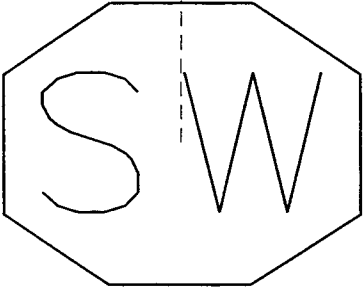
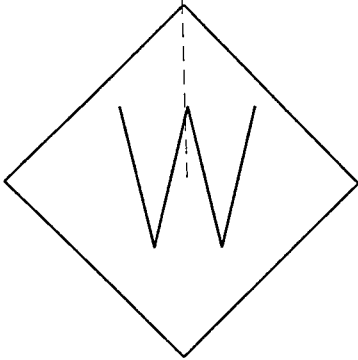
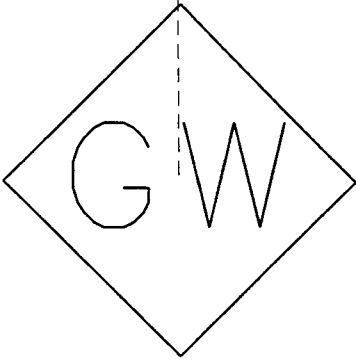


2 Hazardous Materials Symbols Library


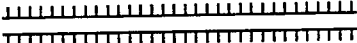
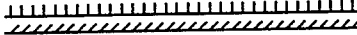




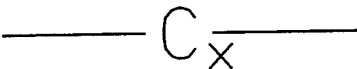
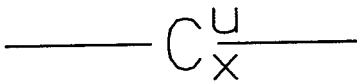
		
<p>Hazardous Materials: AIRQST AIR QUALITY MON STA Element type: Symbol</p>	<p>Hazardous Materials: AIRSMP AIR SAMPLE LOCATION Element type: Symbol</p>	<p>Hazardous Materials: BIOSMP BIOLOGICAL SAMPLE LOC Element type: Symbol</p>
		
<p>Hazardous Materials: EGDECN EQUIPMENT DECON Element type: Symbol</p>	<p>Hazardous Materials: EGONST ONSITE COMMAND POST Element type: Symbol</p>	<p>Hazardous Materials: EGSITE SITE INFORMATION CENTER Element type: Symbol</p>
		
<p>Hazardous Materials: EGWASH WASHDOWN WATER TANK Element type: Symbol</p>	<p>Hazardous Materials: EHZMSA HAZMAT STOR LOCATION Element type: Symbol</p>	<p>Hazardous Materials: EHZMSB HAZMAT STOR BLDG Element type: Symbol</p>


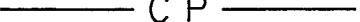


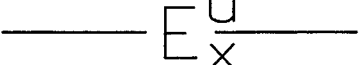
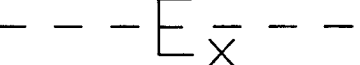

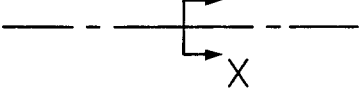
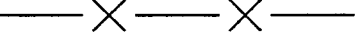
		
<p>Hazardous Materials: EHZMSR HAZMAT STORAGE ROOM Element type: Symbol</p>	<p>Hazardous Materials: EHZMSV HAZMAT STOR VAULT Element type: Symbol</p>	<p>Hazardous Materials: EHZWSA HAZWASTE STOR LOC Element type: Symbol</p>
		
<p>Hazardous Materials: EHZWSB HAZWASTE STOR BLDG Element type: Symbol</p>	<p>Hazardous Materials: EHZWSR HAZWASTE STOR ROOM Element type: Symbol</p>	<p>Hazardous Materials: EHZWSV HAZWASTE STOR VAULT Element type: Symbol</p>
		
<p>Hazardous Materials: EMGSHW EMERGENCY SHOWER Element type: Symbol</p>	<p>Hazardous Materials: EPOLLS POLLUTION SOURCE SITE Element type: Symbol</p>	<p>Hazardous Materials: EYEWAS EMERGENCY EYEWASH Element type: Symbol</p>


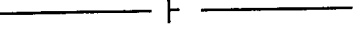







		
Hazardous Materials: GWTQST GRDWTR QUALITY MON STATION Element type: Symbol	Hazardous Materials: LANGAS LANDFILL GAS MON PROBE Element type: Symbol	Hazardous Materials: MAGLOC MAGNETOMETER DET LOC Element type: Symbol
		
Hazardous Materials: MATSMP SOLID MAT SAMPLE LOC Element type: Symbol	Hazardous Materials: PRLLOC POTENTIAL RELEASE LOC Element type: Symbol	Hazardous Materials: RESTR RESTRICTED ACCESS Element type: Symbol
		
Hazardous Materials: SEDSMP SEDIMENT SAMPLE LOC Element type: Symbol	Hazardous Materials: SOLGAS SOIL GAS MONIT PROBE Element type: Symbol	Hazardous Materials: SOLSMP SOIL SAMPLE LOCATION Element type: Symbol

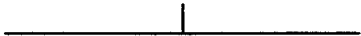




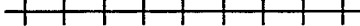



		
<p>Hazardous Materials:SPLRES SPILL RESPONSE Element type: Symbol</p>	<p>Hazardous Materials:SPLTNK SPILL CONTAINMENT TANK Element type: Symbol</p>	<p>Hazardous Materials:SURSMP SURFACE WTR SAMPLE LOC Element type: Symbol</p>
		
<p>Hazardous Materials:SWTQST SURF WTR QUAL MON STATION Element type: Symbol</p>	<p>Hazardous Materials:WASSMP WASTE SAMPLE LOCATION Element type: Symbol</p>	<p>Hazardous Materials:WATSMP GROUNDWATER SAMPLE LOC Element type: Symbol</p>



3 Survey/Mapping Lines Library

		
Survey/Mapping: 16THLN SIXTEENTH LINE Element type: Line	Survey/Mapping: BARDIT DITCH BARRIER Element type: Line	Survey/Mapping: BARDTB DITCH AND BERM BARRIER Element type: Line
		
Survey/Mapping: BARGEN GENERIC SECURITY BARRIER Element type: Line	Survey/Mapping: BARMAS SECURITY MASONRY BARRIER Element type: Line	Survey/Mapping: CMP12 CMP 12IN DIA LINEAR Element type: Line
		
Survey/Mapping: CMPU12 CMPU 12IN DIA LINEAR Element type: Line	Survey/Mapping: COMARX EXIST COMMUNICATION AERIAL Element type: Line	Survey/Mapping: COMUGX EXIST COMMUNICATION UNDERG Element type: Line

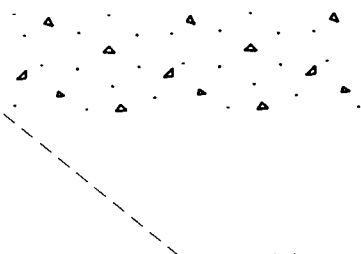
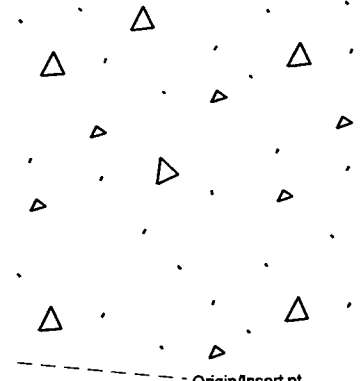
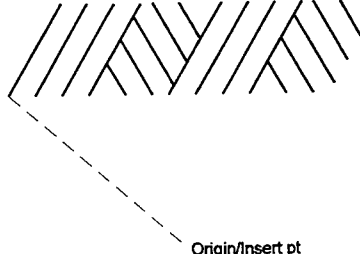
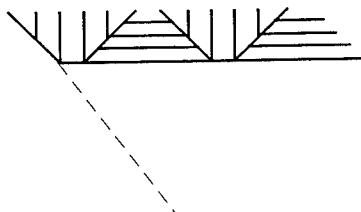
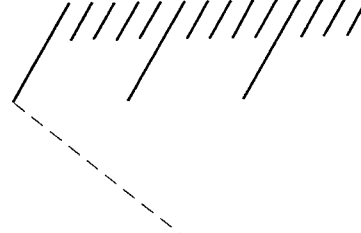
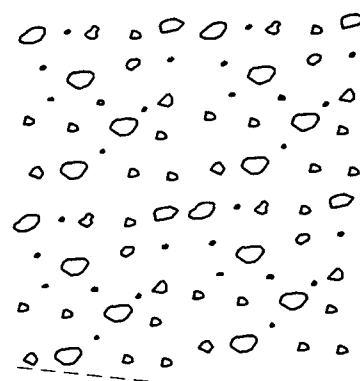

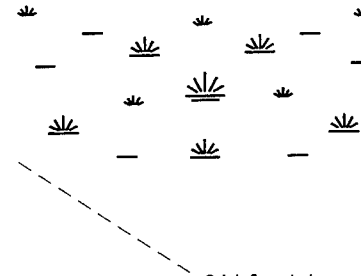
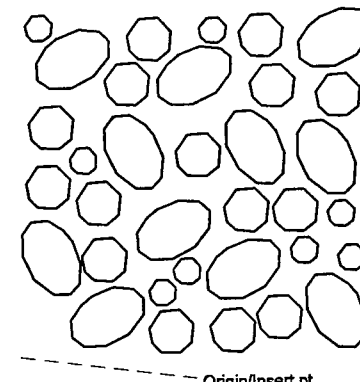
		
Survey/Mapping: CONLMT CONSTRUCTION LIMIT Element type: Line	Survey/Mapping: CULVRT CULVERT PIPE Element type: Line	Survey/Mapping: DITCH DITCH LINE Element type: Line
		
Survey/Mapping: EPARX EXIST ELEC AERIAL PRIMARY Element type: Line	Survey/Mapping: EPUGX EXIST ELEC UNDERG PRIMARY Element type: Line	Survey/Mapping: ESARX EXIST ELEC AERIAL SEC Element type: Line
		
Survey/Mapping: ESUGX EXIST ELEC UNDERG SEC Element type: Line	Survey/Mapping: EUDUCX EXIST UNDERGROUND DUCT BANK Element type: Line	Survey/Mapping: FENCE FENCE Element type: Line

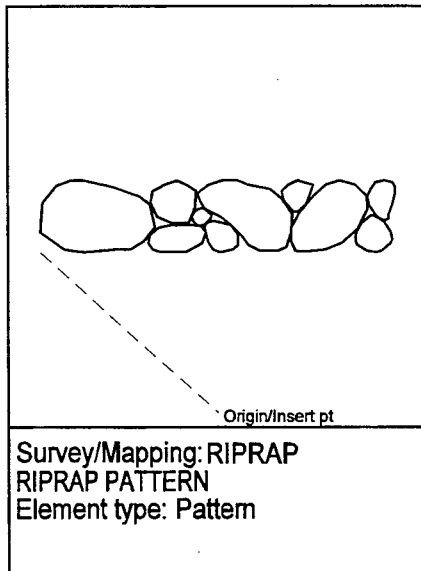
		
Survey/Mapping: FIBOPT FIBER OPTICS LINE Element type: Line	Survey/Mapping: FIRE FIRE PROTECTION WATER SUPPLY Element type: Line	Survey/Mapping: FUELOR FUEL OIL RETURN Element type: Line
		
Survey/Mapping: FUELOS FUEL OIL SUPPLY Element type: Line	Survey/Mapping: FUELOV FUEL OIL TANK VENT Element type: Line	Survey/Mapping: GUARD GUARD RAIL Element type: Line
		
Survey/Mapping: INDXDC INDEX DEPTH CONTOUR Element type: Line	Survey/Mapping: IWASTE INDUSTRIAL WASTE Element type: Line	Survey/Mapping: LIQPET LIQUID PETROLEUM GAS Element type: Line

		
Survey/Mapping: MINRDC MINOR DEPTH CONTOUR Element type: Line	Survey/Mapping: NONPOT NONPOTABLE WATER Element type: Line	Survey/Mapping: NTGASX EXISTING NATURAL GAS Element type: Line
		
Survey/Mapping: PROJBL PROJECT BOUNDARY LINE Element type: Line	Survey/Mapping: PROPL PROPERTY LINE Element type: Line	Survey/Mapping: RAILS SINGLE RAILROAD Element type: Line
		
Survey/Mapping: RTOFWY RIGHT OF WAY Element type: Line	Survey/Mapping: SSWAFX EXISTING SANITARY SEWER Element type: Line	Survey/Mapping: STRAFX EXISTING STORM DRAIN Element type: Line



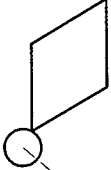
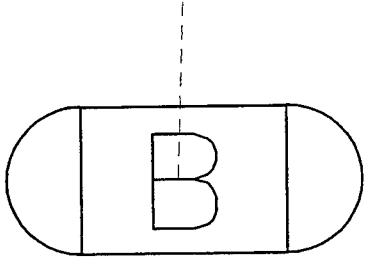
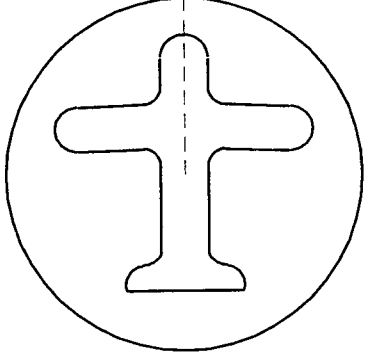
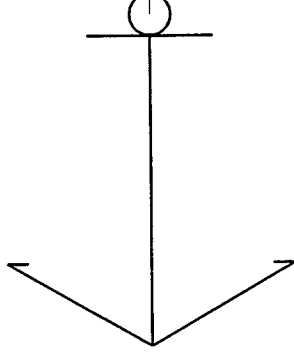
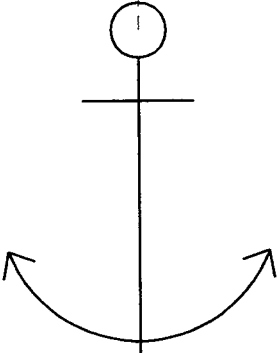
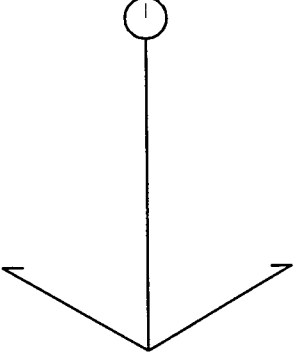
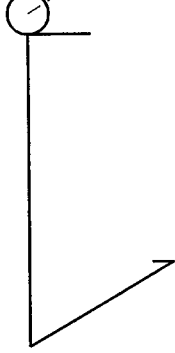
	
<p>Survey/Mapping: TREEL TREE LINE Element type: Line</p>	<p>Survey/Mapping: WATRX EXISTING WATER LINE Element type: Line</p>

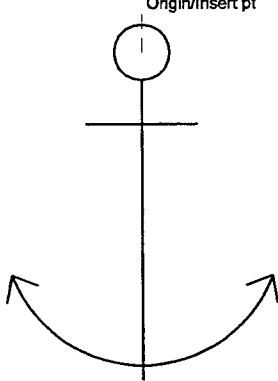
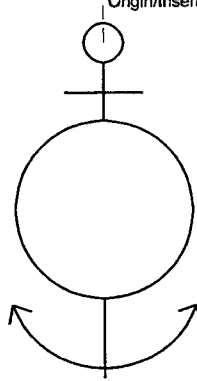
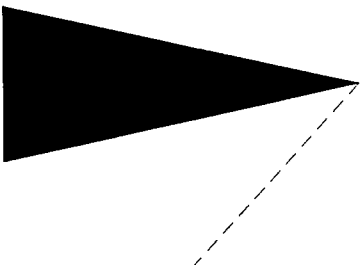
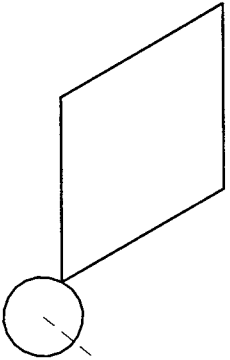
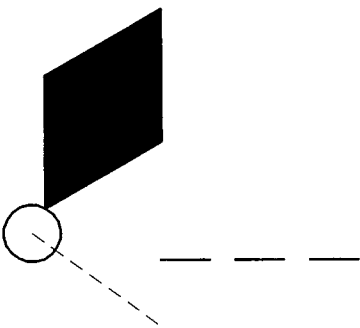
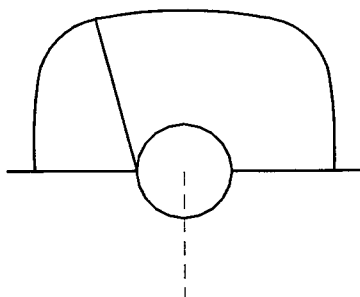
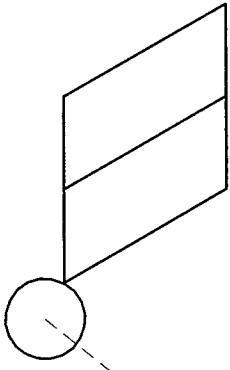
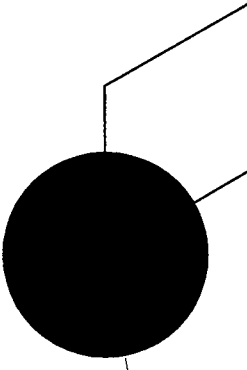
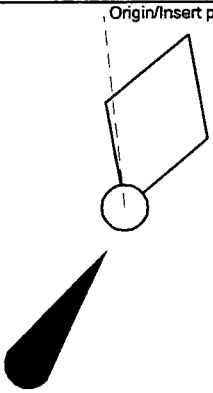
3 Survey/Mapping Patterns Library

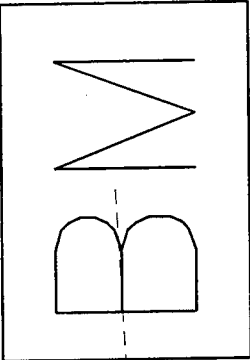
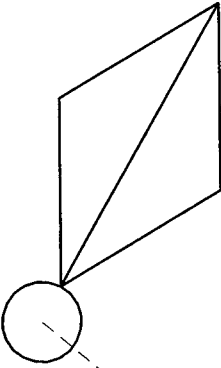
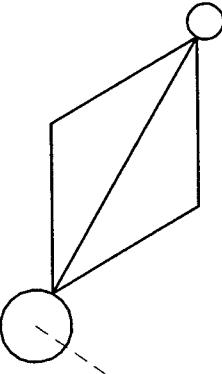
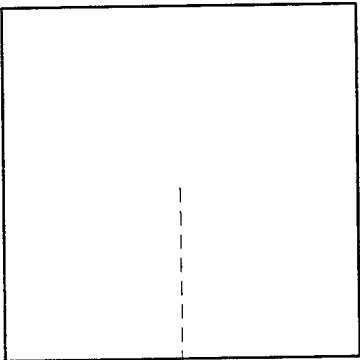
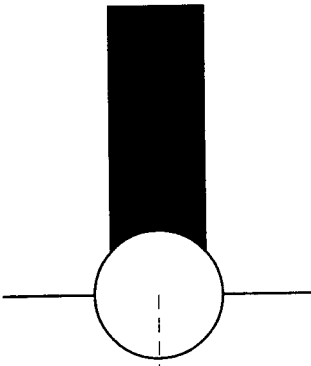
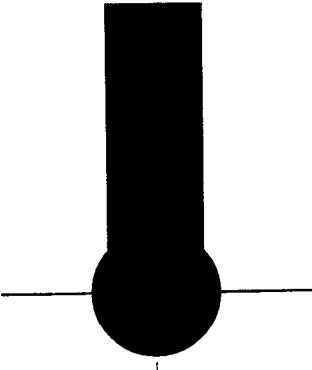
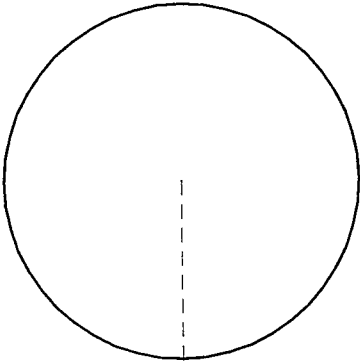
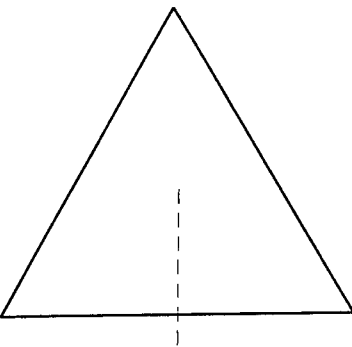
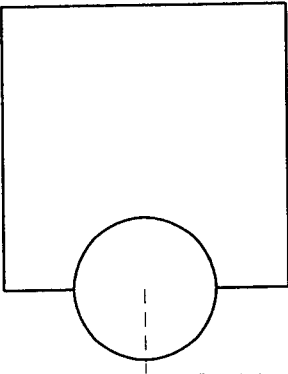
		
<p>Survey/Mapping: CONC CONCRETE Element type: Pattern</p>	<p>Survey/Mapping: CONCONST CONCRETE STONE Element type: Pattern</p>	<p>Survey/Mapping: EEARTH EXISTING EARTH Element type: Pattern</p>
		
<p>Survey/Mapping: EROCK EXISTING ROCK Element type: Pattern</p>	<p>Survey/Mapping: FILLSC FILL SECTION Element type: Pattern</p>	<p>Survey/Mapping: GRAVEL GRAVEL Element type: Pattern</p>
		
<p>Survey/Mapping: GROUT GROUT Element type: Pattern</p>	<p>Survey/Mapping: LSWAMP LARGE SWAMP Element type: Pattern</p>	<p>Survey/Mapping: POROUS POROUS Element type: Pattern</p>

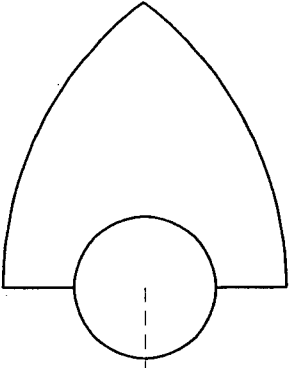
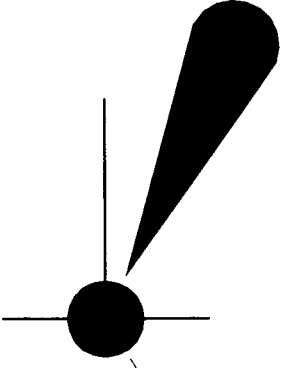

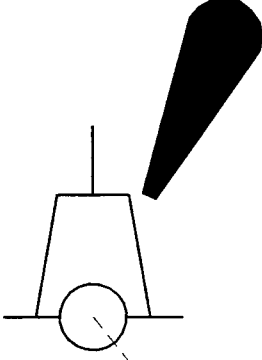
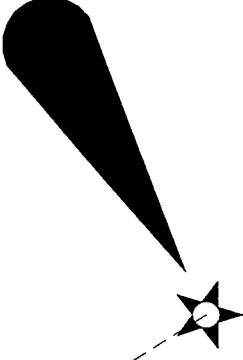
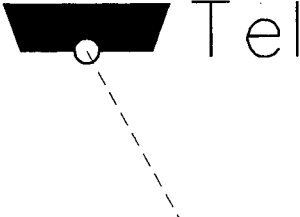
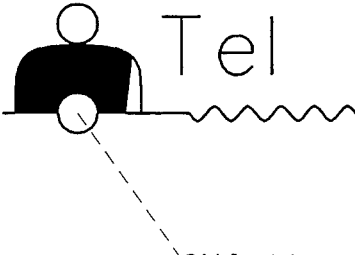
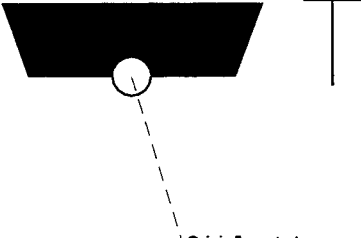
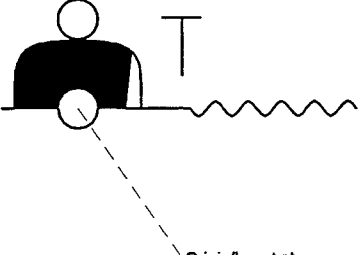


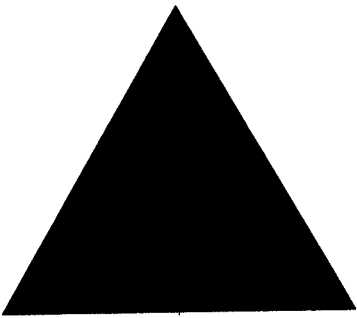
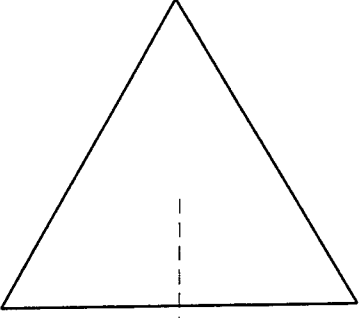
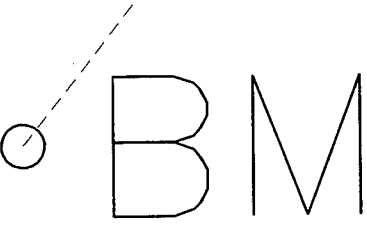
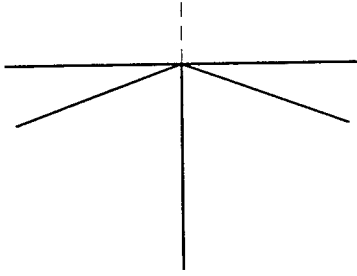
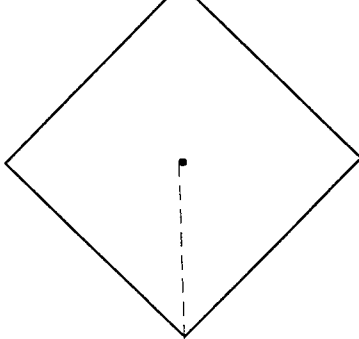
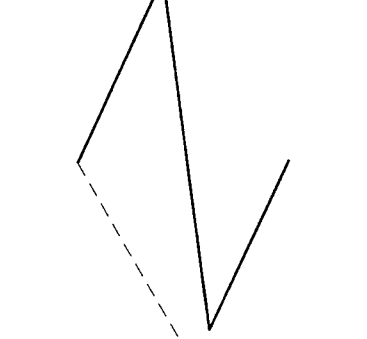
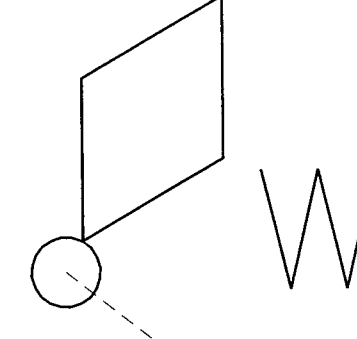
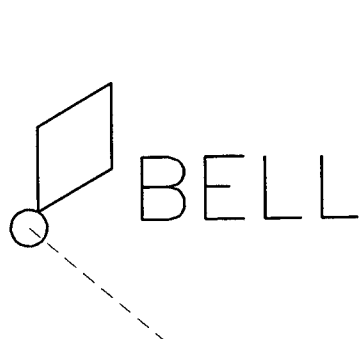
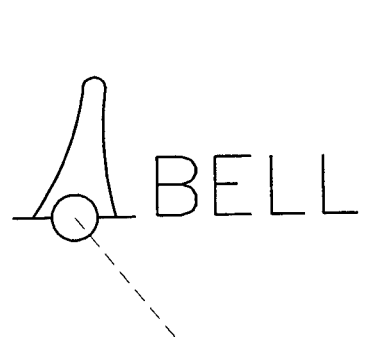
3 Survey/Mapping Symbols Library

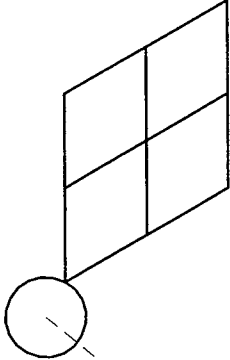
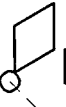
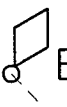
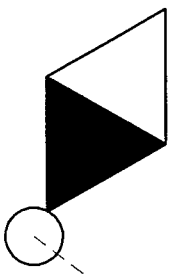
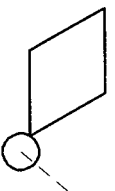
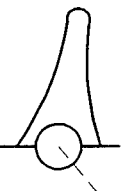
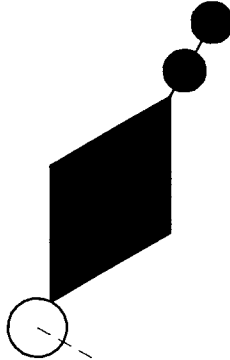
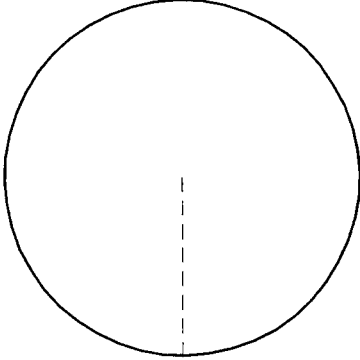
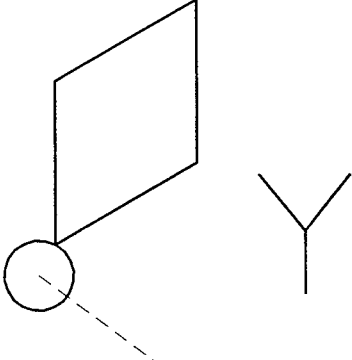
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<p>Survey/Mapping: AFBCN AIRFIELD BEACON Element type: Symbol</p>	<p>Survey/Mapping: AIRFLD AIRFIELD SYMBOL Element type: Symbol</p>	<p>Survey/Mapping: ANCHR1 ANCHORAGE LARGE VESSEL Element type: Symbol</p>
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<p>Survey/Mapping: ANCHR2 ANCHORAGE LARGE VESSEL Element type: Symbol</p>	<p>Survey/Mapping: ANCHR3 ANCHORAGE SMALL VESSEL Element type: Symbol</p>	<p>Survey/Mapping: ANCHR4 ANCHORAGE SMALL VESSEL Element type: Symbol</p>

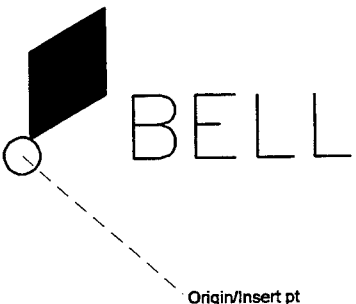
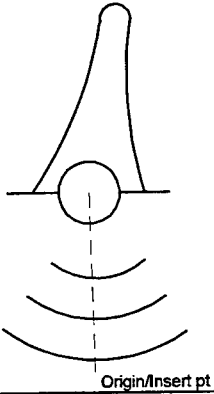
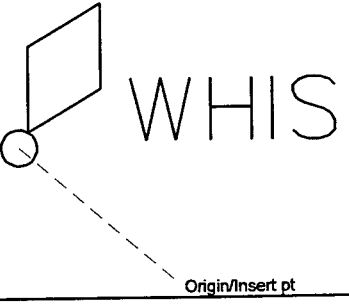
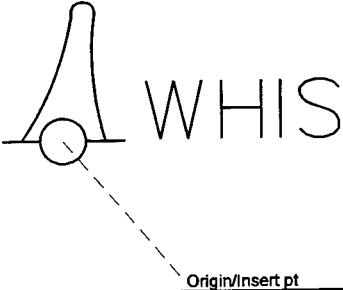
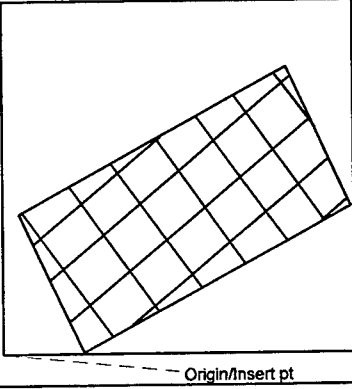
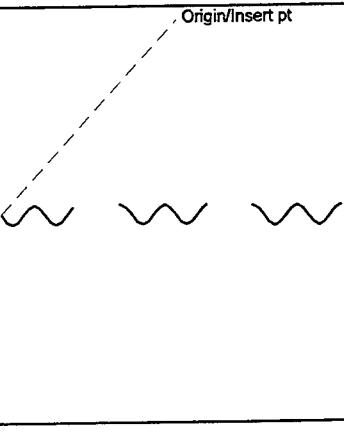
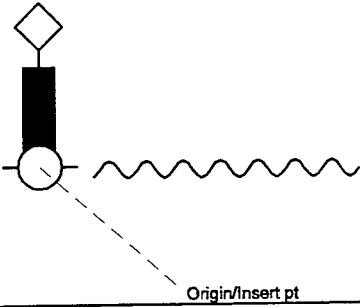
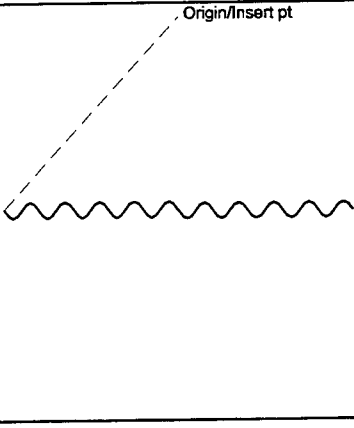
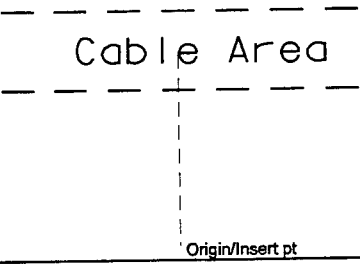
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<p>Survey/Mapping: BAR1 BARREL BUOY Element type: Symbol</p>	<p>Survey/Mapping: BAR1C BARREL BUOY INDICATE COLOR Element type: Symbol</p>	<p>Survey/Mapping: BAR2 BARREL BUOY Element type: Symbol</p>
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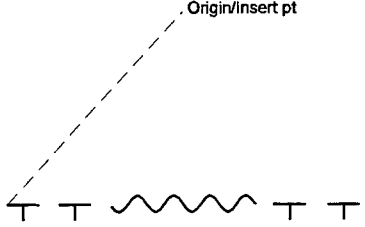
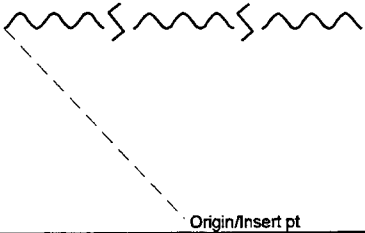
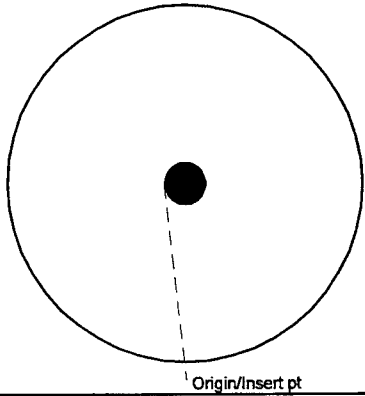
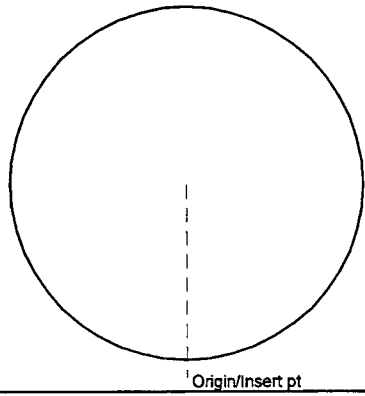
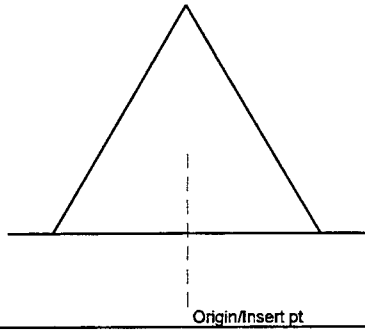
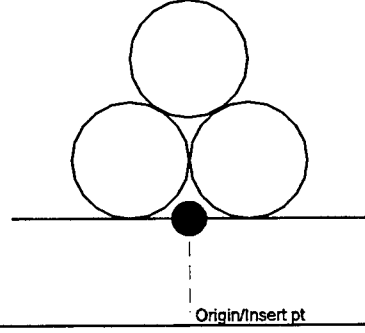
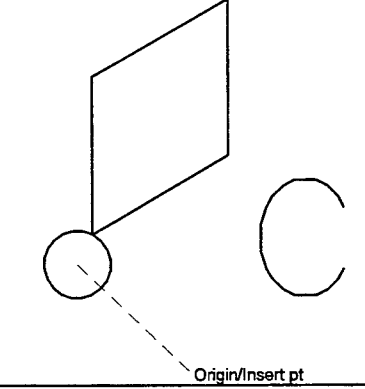
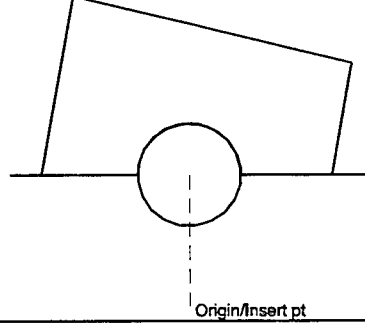
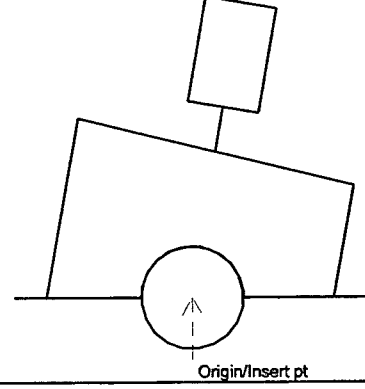
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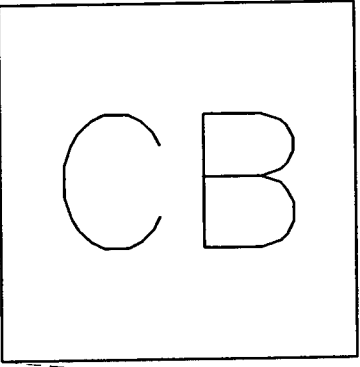
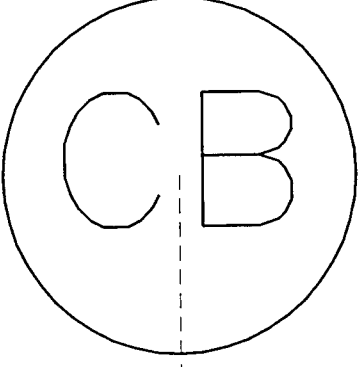
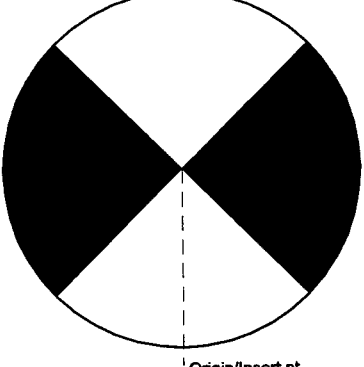
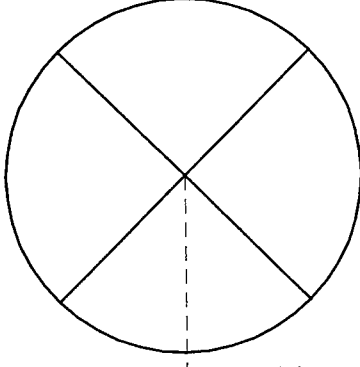
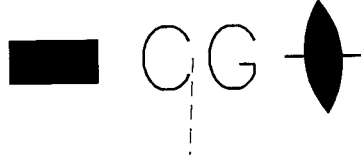
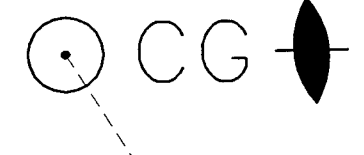

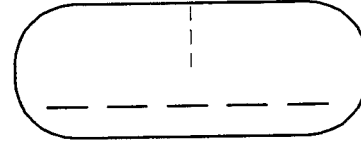
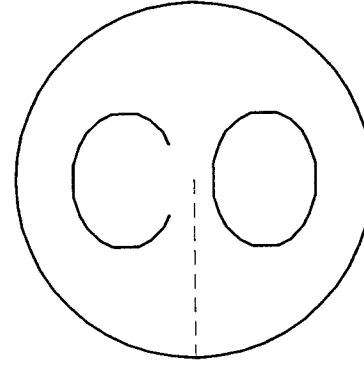
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<p>Survey/Mapping: BCNLT3 LIGHTED BEACON Element type: Symbol</p>	<p>Survey/Mapping: BCNRES RESILIENT BEACON Element type: Symbol</p>	<p>Survey/Mapping: BCNTG1 TELEGRAPHIC MOORING BEACON Element type: Symbol</p>
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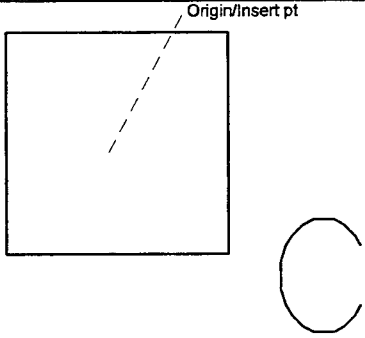
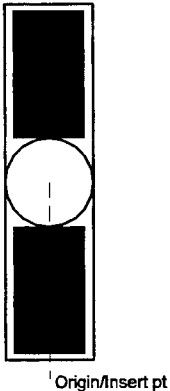
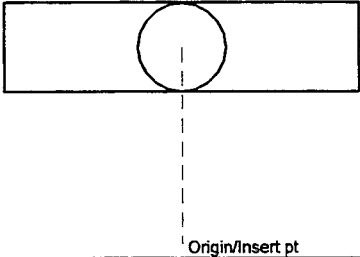
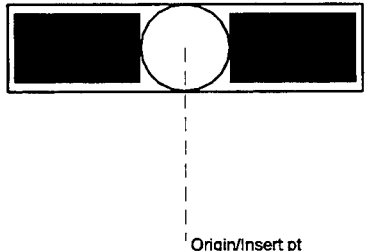
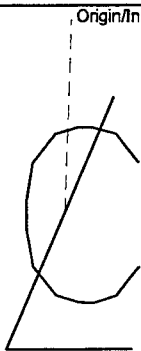
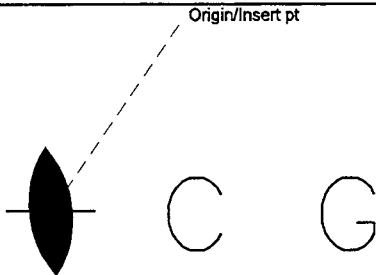
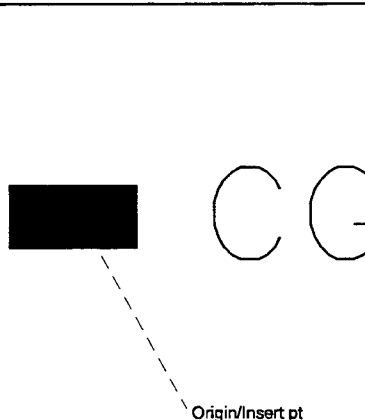
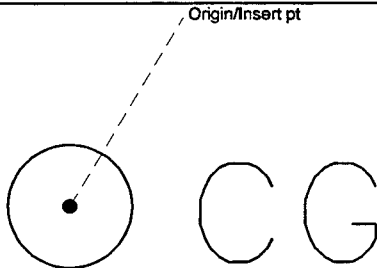
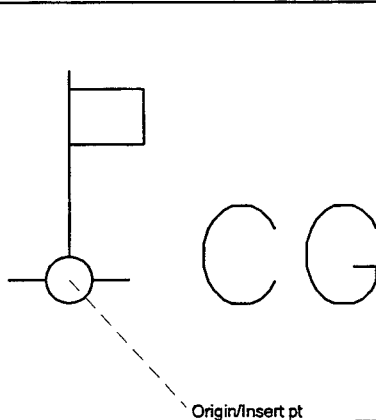
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<p>Survey/Mapping: BYANCH ANCHORAGE BUOY Element type: Symbol</p>	<p>Survey/Mapping: BYBELB BELL BARREL BUOY Element type: Symbol</p>	<p>Survey/Mapping: BYBELP BELL PILLAR BUOY Element type: Symbol</p>

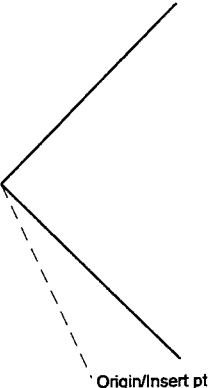
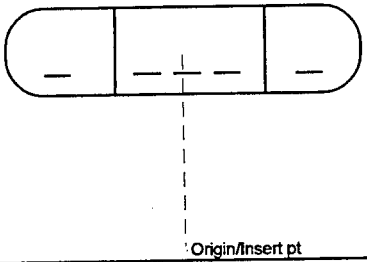
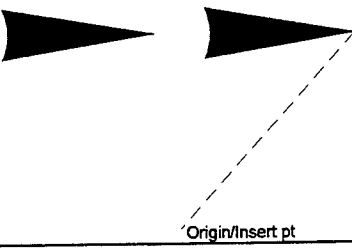
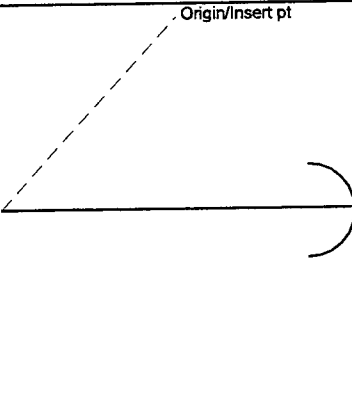
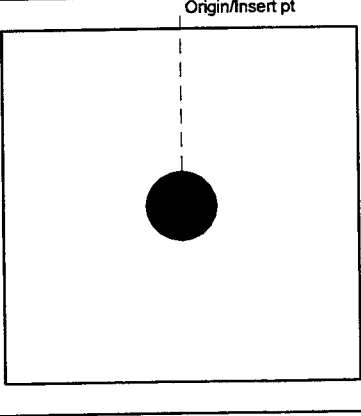
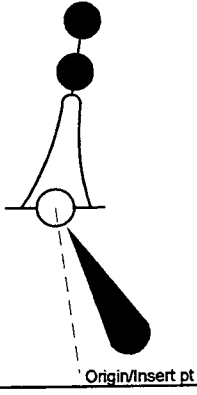
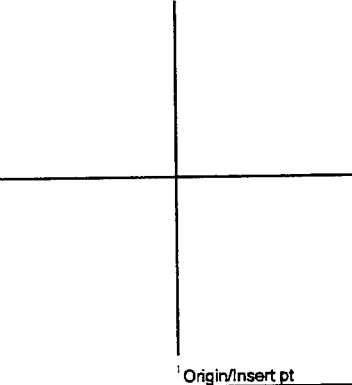
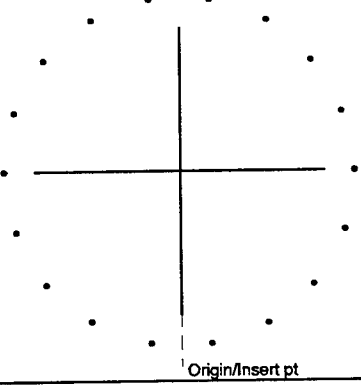
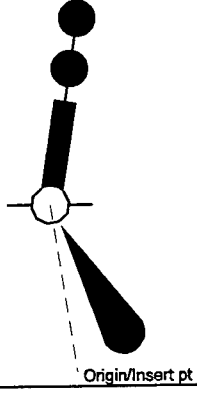
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 <p>BW</p> <p>Origin/Insert pt</p>	 <p>GONG</p> <p>Origin/Insert pt</p>	 <p>GONG</p> <p>Origin/Insert pt</p>
<p>Survey/Mapping: BYFISH FISH TRAP BUOY Element type: Symbol</p>	<p>Survey/Mapping: BYGONB GONG BARREL BUOY Element type: Symbol</p>	<p>Survey/Mapping: BYGONP GONG PILLAR BUOY Element type: Symbol</p>
 <p>Origin/Insert pt</p>	 <p>Origin/Insert pt</p>	 <p>Origin/Insert pt</p>
<p>Survey/Mapping: BYJUNC JUNCTION BUOY Element type: Symbol</p>	<p>Survey/Mapping: BYPOS POSITION OF BUOY Element type: Symbol</p>	<p>Survey/Mapping: BYQUAR QUARANTINE BUOY Element type: Symbol</p>

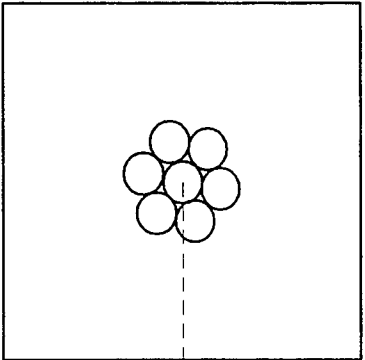
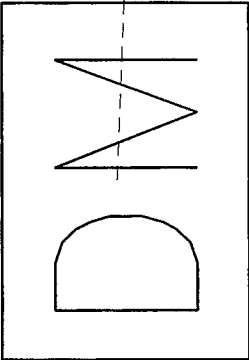
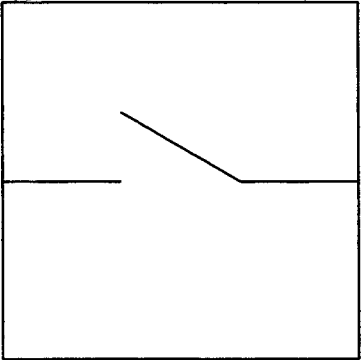
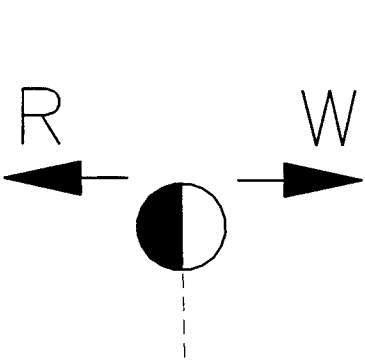
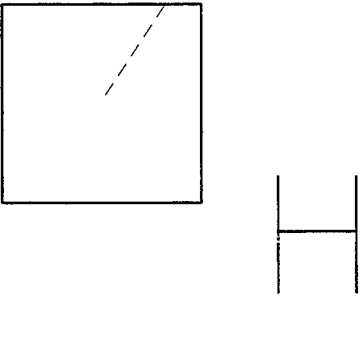
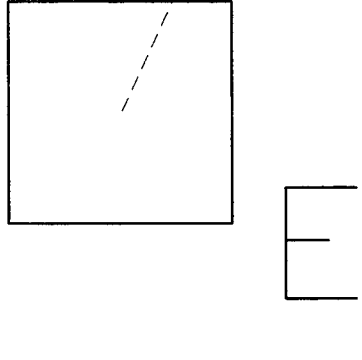
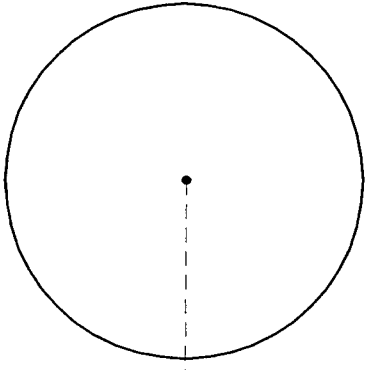
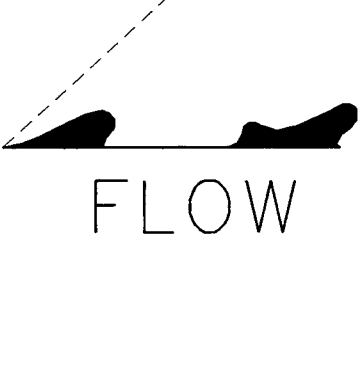
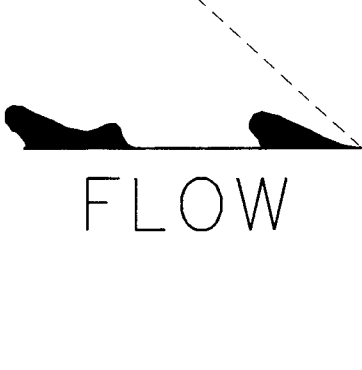
		
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<p>Survey/Mapping: BYWHIP WHISTLE PILLAR BUOY Element type: Symbol</p>	<p>Survey/Mapping: CABCNZ CABLE CROSSING ZONE Element type: Symbol</p>	<p>Survey/Mapping: CABDIS DISUSED SUBMARINE CABLE Element type: Symbol</p>
		
<p>Survey/Mapping: CABLAN CABLE LANDING BEACON Element type: Symbol</p>	<p>Survey/Mapping: CABLE SUBMARINE CABLE Element type: Symbol</p>	<p>Survey/Mapping: CABLE1 SUBMARINE CABLE AREA Element type: Symbol</p>

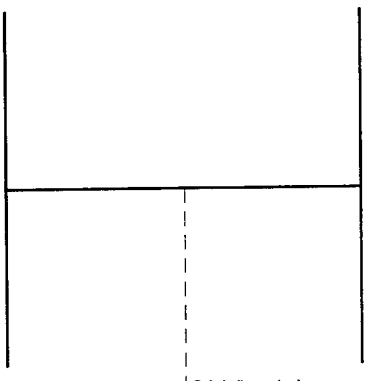
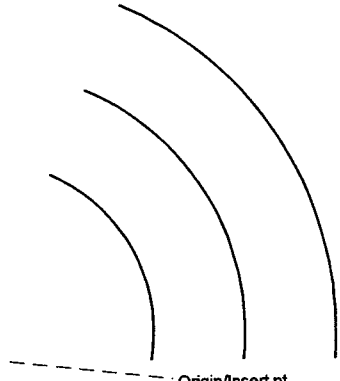
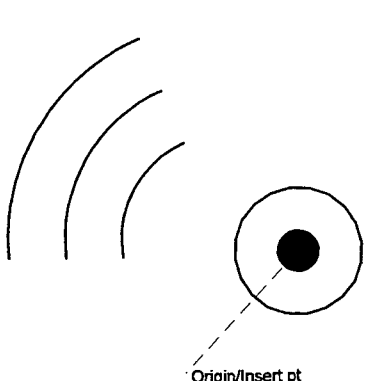
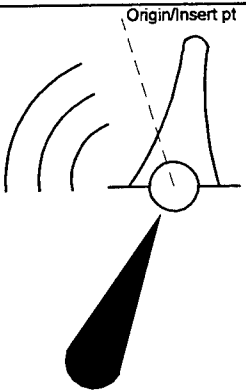
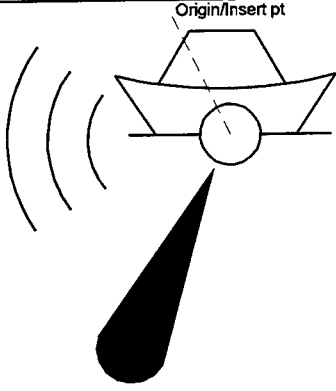
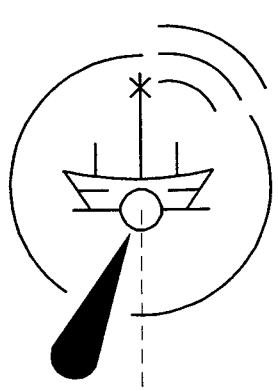
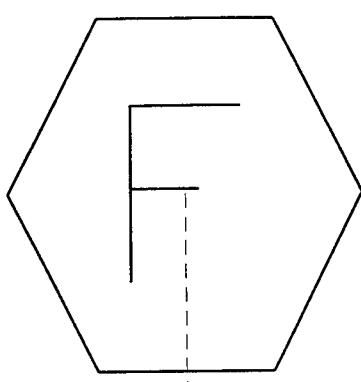
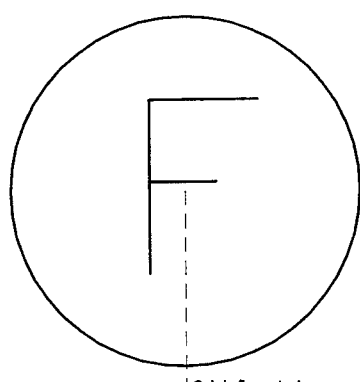
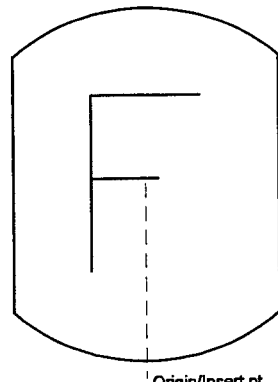
		
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<p>Survey/Mapping: CAIRN2 CAIRN Element type: Symbol</p>	<p>Survey/Mapping: CAIRN3 CAIRN Element type: Symbol</p>	<p>Survey/Mapping: CAIRN4 CAIRN Element type: Symbol</p>
		
<p>Survey/Mapping: CAN1 CAN BUOY Element type: Symbol</p>	<p>Survey/Mapping: CAN2 CAN BUOY Element type: Symbol</p>	<p>Survey/Mapping: CANWT WHITE CAN BUOY W TOPMARK Element type: Symbol</p>

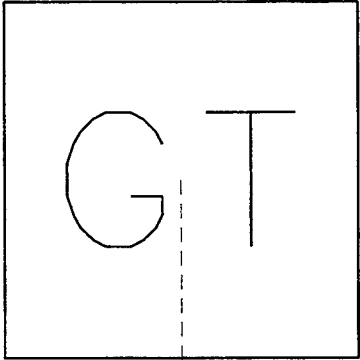
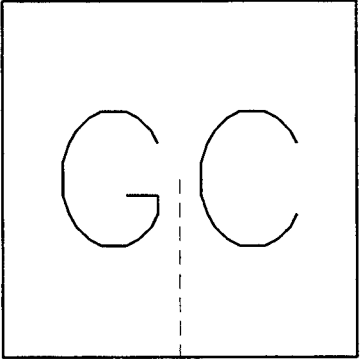
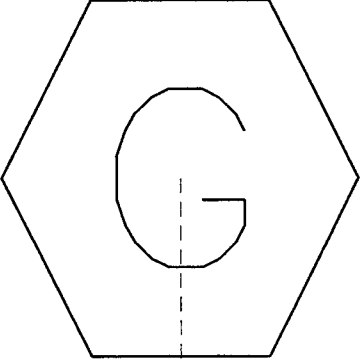
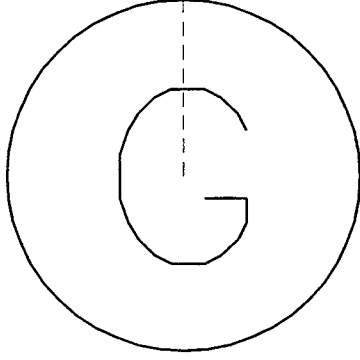
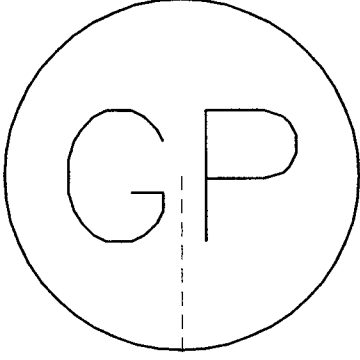
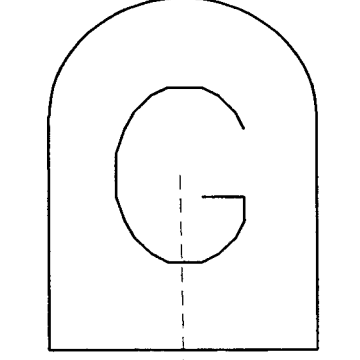
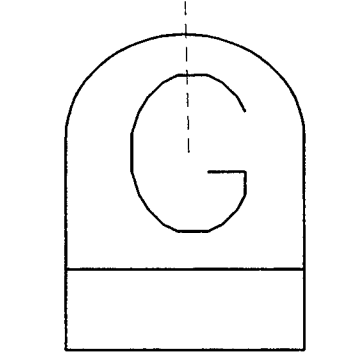
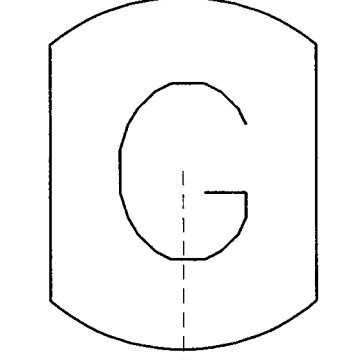
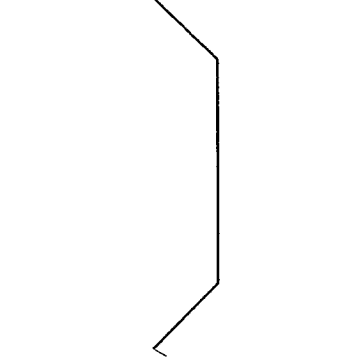
		
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<p>Survey/Mapping: CDHDDR CORE DRILL HOLE UNDRILLED Element type: Symbol</p>	<p>Survey/Mapping: CGRES1 COAST GUARD RESCUE STA Element type: Symbol</p>	<p>Survey/Mapping: CGRES2 COAST GUARD RESCUE STA Element type: Symbol</p>
		
<p>Survey/Mapping: CGRES3 COAST GUARD RESCUE STA Element type: Symbol</p>	<p>Survey/Mapping: CKTID CIRCUIT ID SYMBOL Element type: Symbol</p>	<p>Survey/Mapping: CLNOUT CLEANOUT Element type: Symbol</p>

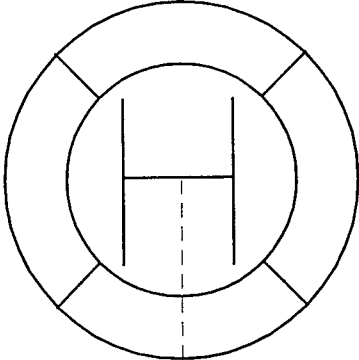
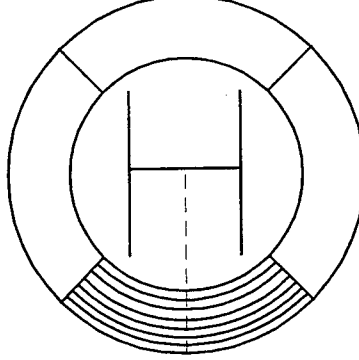
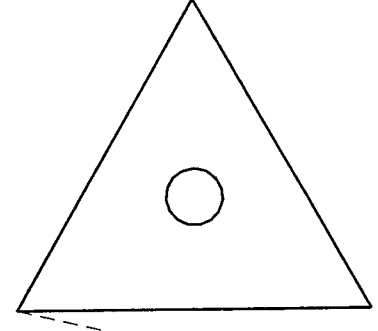
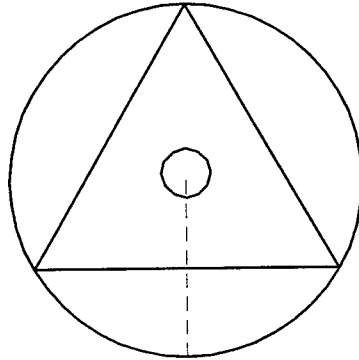
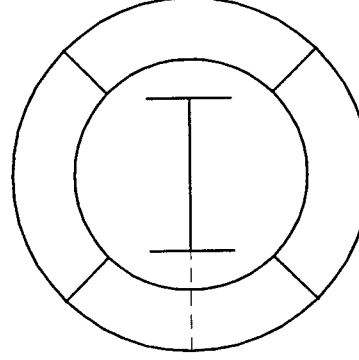
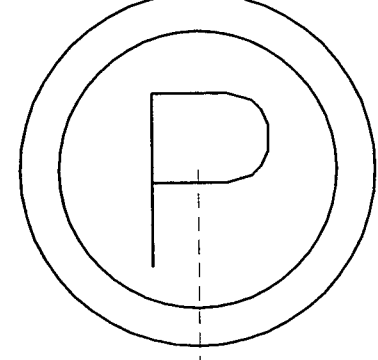
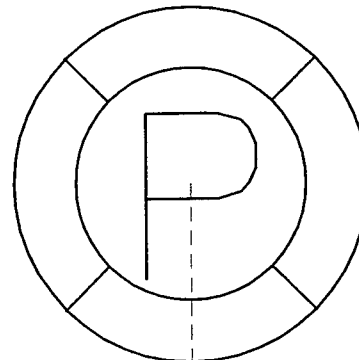
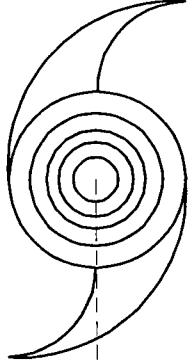
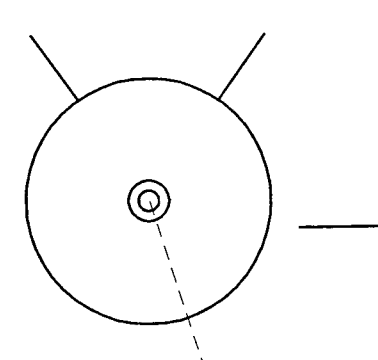
		
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<p>Survey/Mapping: CNRSF CORNER SOLID FLAT Element type: Symbol</p>	<p>Survey/Mapping: CNTLIN CENTERLINE SYMBOL Element type: Symbol</p>	<p>Survey/Mapping: COAST1 COAST GUARD STATION Element type: Symbol</p>
		
<p>Survey/Mapping: COAST2 COAST GUARD STATION Element type: Symbol</p>	<p>Survey/Mapping: COAST3 COAST GUARD STATION Element type: Symbol</p>	<p>Survey/Mapping: COAST4 COAST GUARD STATION Element type: Symbol</p>

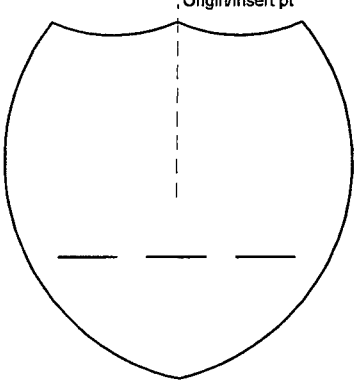
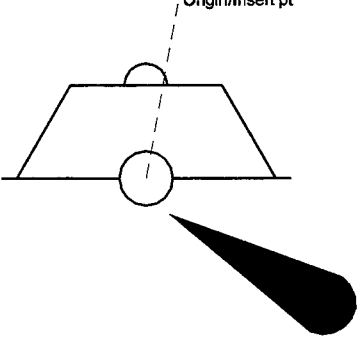
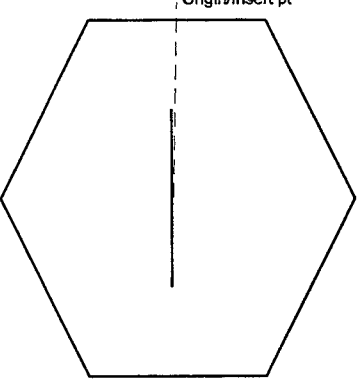
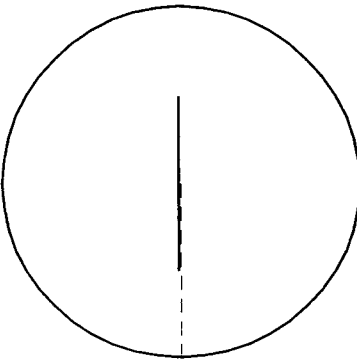
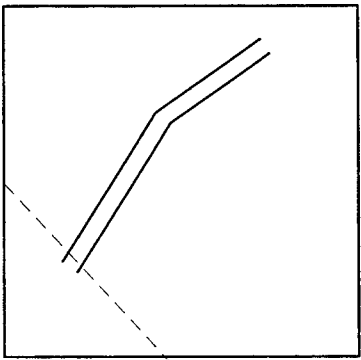
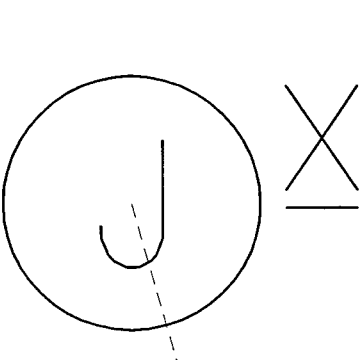
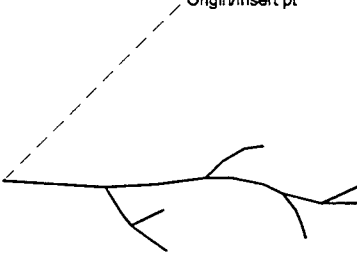
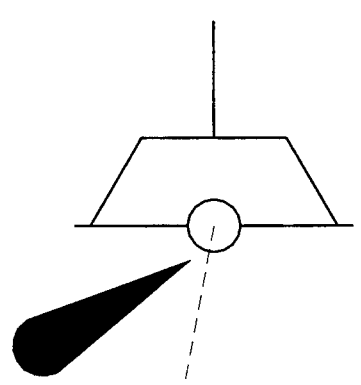
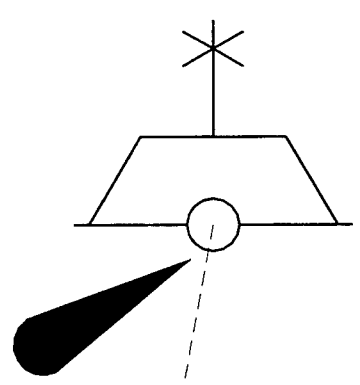
		
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<p>Survey/Mapping: DGUYX DOWNGUY_EXISTING Element type: Symbol</p>	<p>Survey/Mapping: DISPLT DISUSED PLATFORM Element type: Symbol</p>	<p>Survey/Mapping: DNGPB LIGHTED DANGER BUOY PILLAR Element type: Symbol</p>
		
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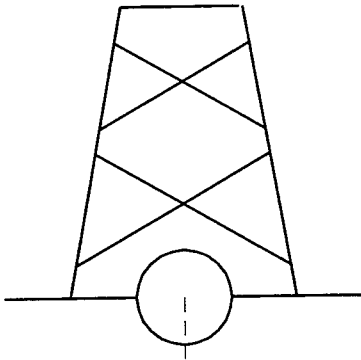
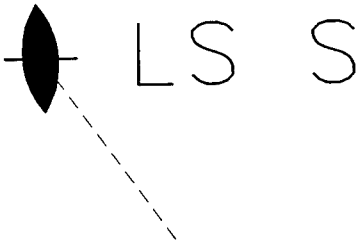
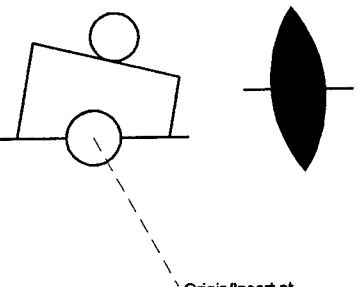
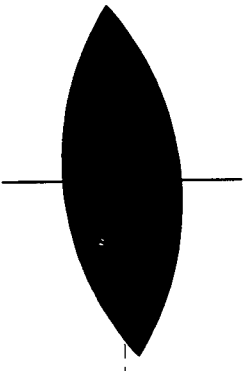
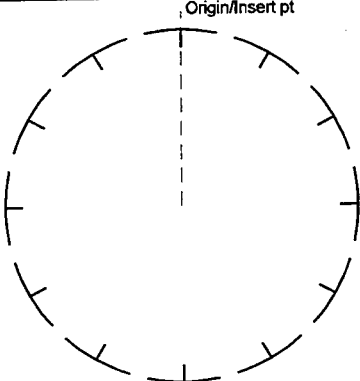
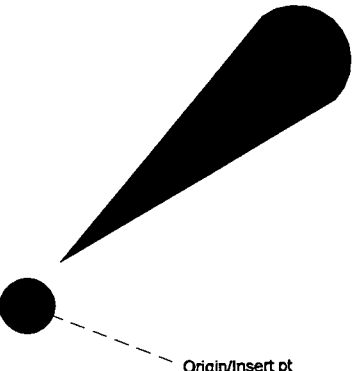
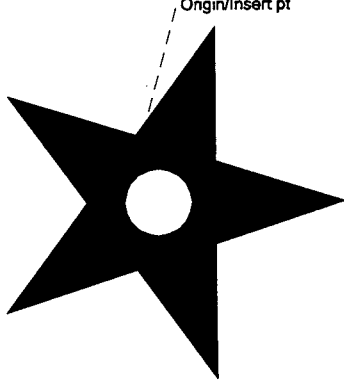
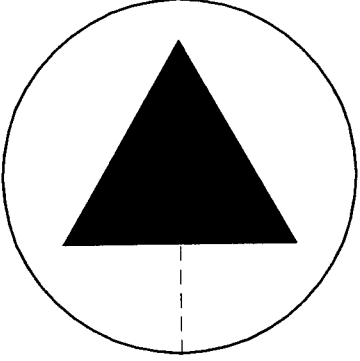
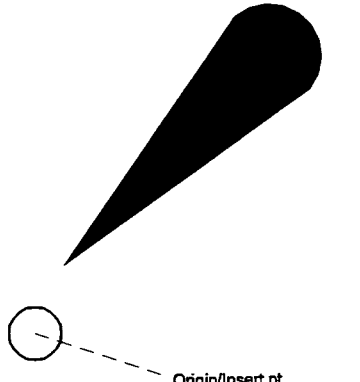
		
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<p>Survey/Mapping: DTHL DISPLACE THRESHOLD LIGHT Element type: Symbol</p>	<p>Survey/Mapping: EHLX ELEC HANDHOLE_EXIST Element type: Symbol</p>	<p>Survey/Mapping: EMHLX ELEC MANHOLE_EXIST Element type: Symbol</p>
		
<p>Survey/Mapping: FIXPNT FIXED POINT Element type: Symbol</p>	<p>Survey/Mapping: FLARRL FLOW ARROW LEFT IN 0 POINT Element type: Symbol</p>	<p>Survey/Mapping: FLARRR FLOW ARROW RIGHT IN 0 POINT Element type: Symbol</p>

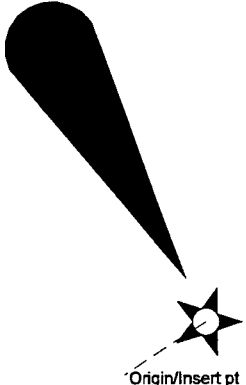
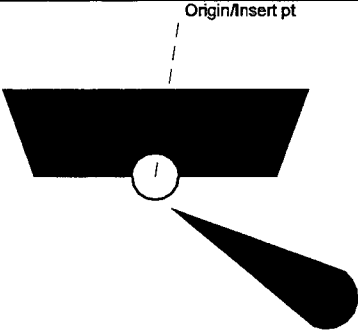
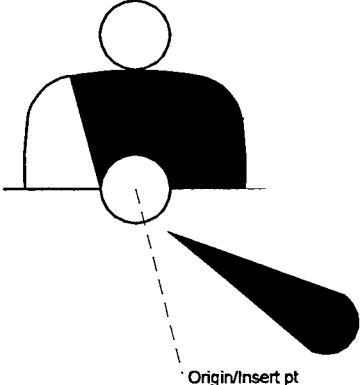
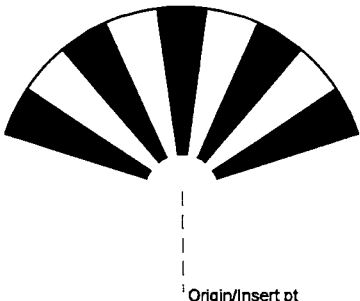
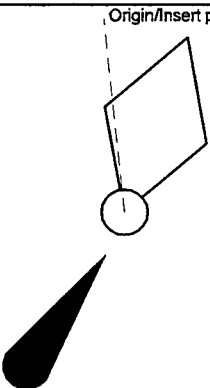
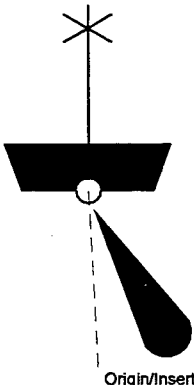
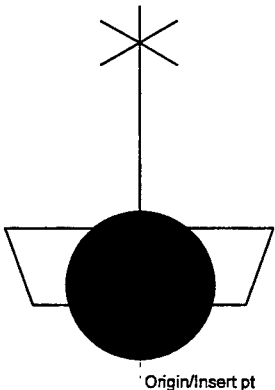
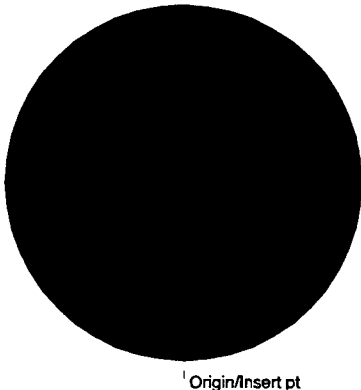
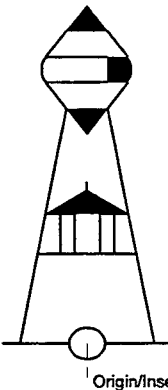
		
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<p>Survey/Mapping: FOGBY FOG SIGNAL BUOY Element type: Symbol</p>	<p>Survey/Mapping: FOGLS FOG SIGNAL LIGHT SHIP Element type: Symbol</p>	<p>Survey/Mapping: FOGLSM FOG SIG LIGHT SHIP MANNED Element type: Symbol</p>
		
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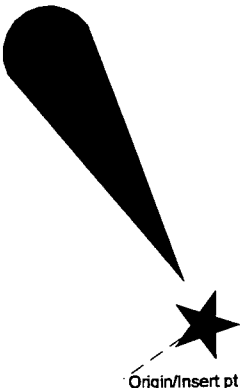
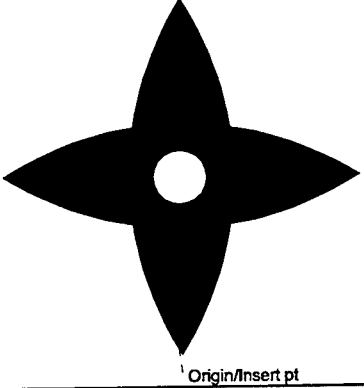
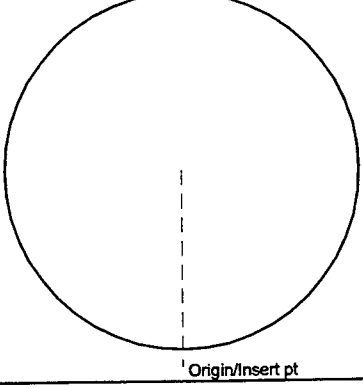
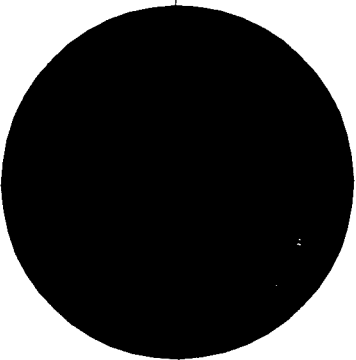
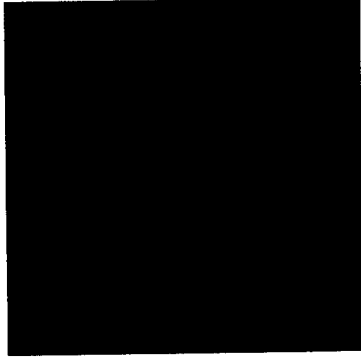
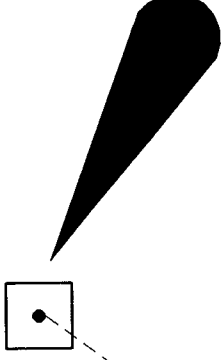
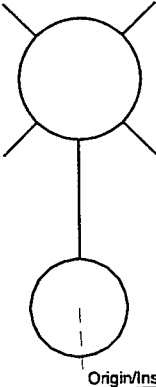
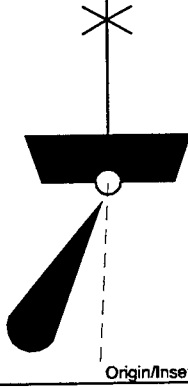
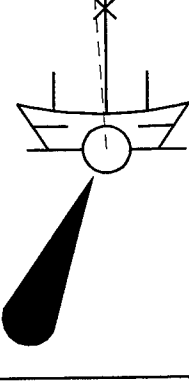
		
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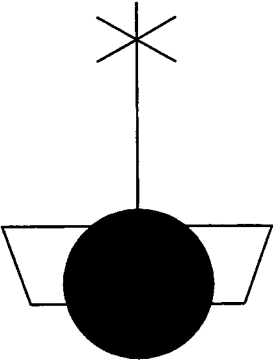
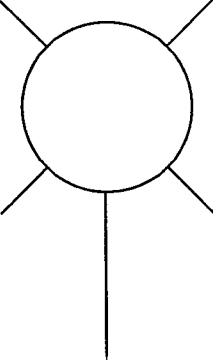
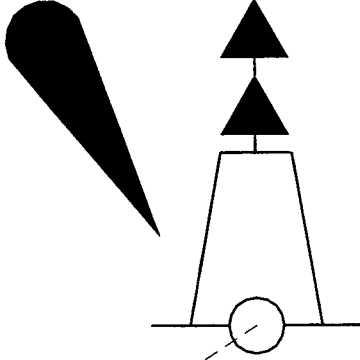
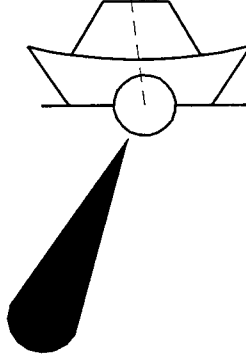
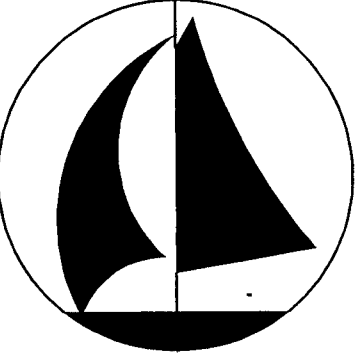
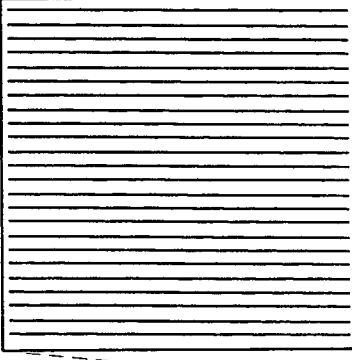
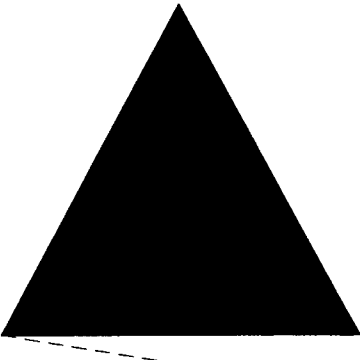
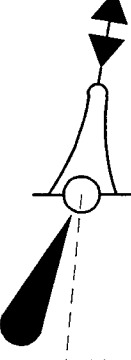
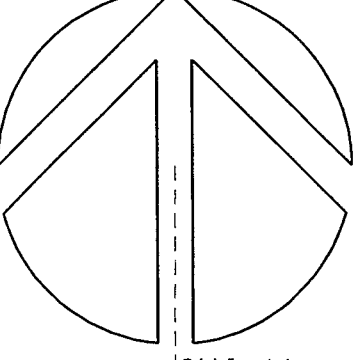
		
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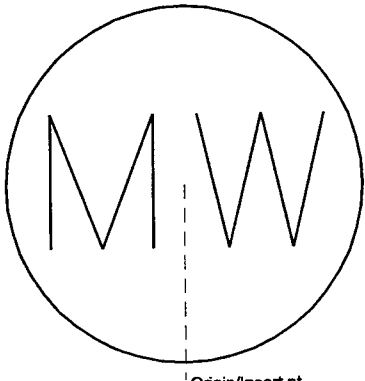
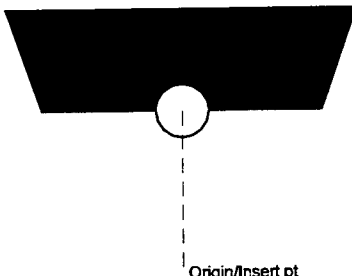
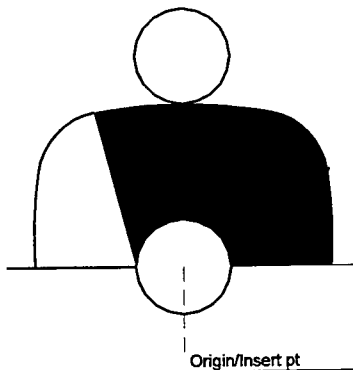
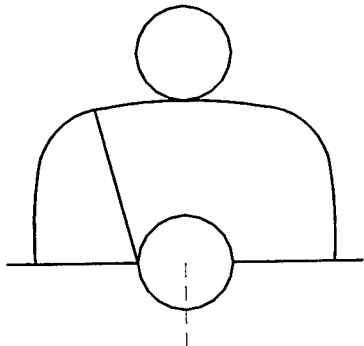
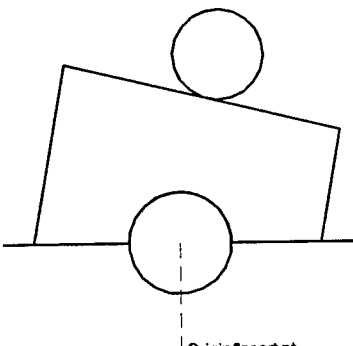

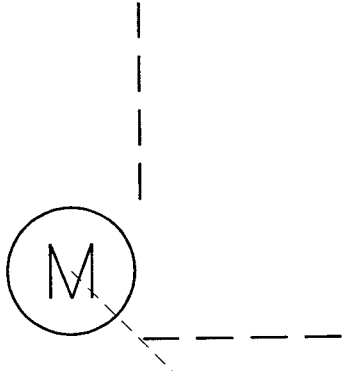
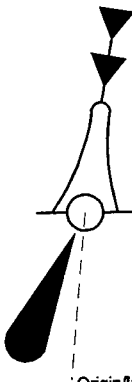
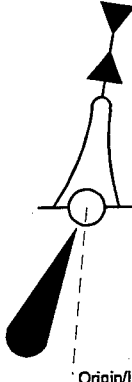
		
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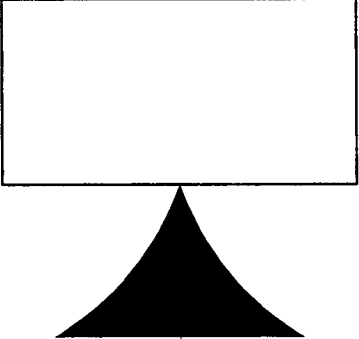
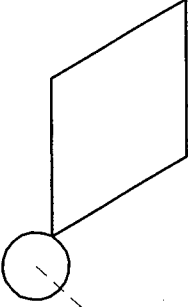
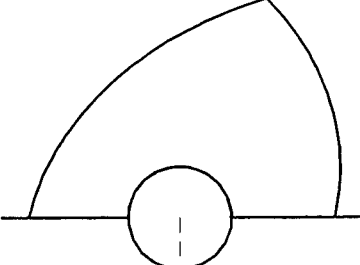
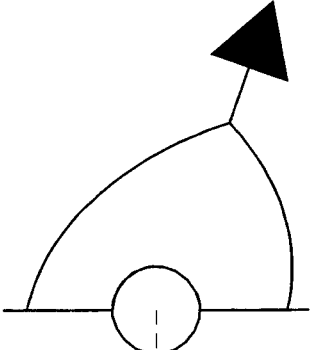
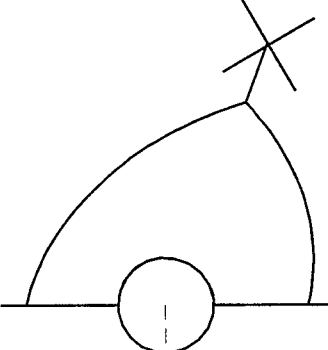
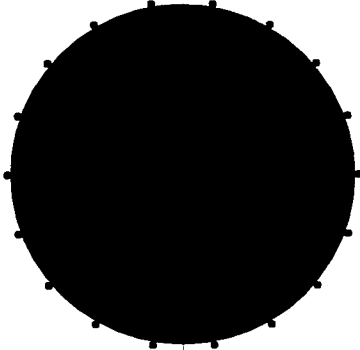
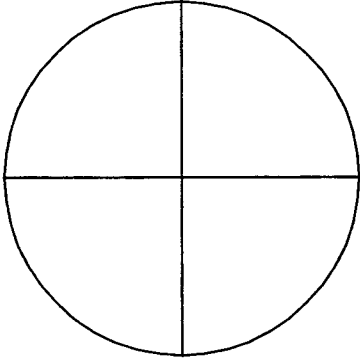
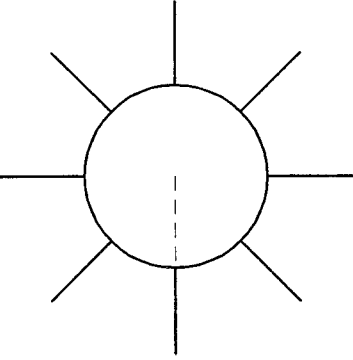
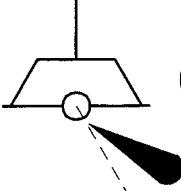
		
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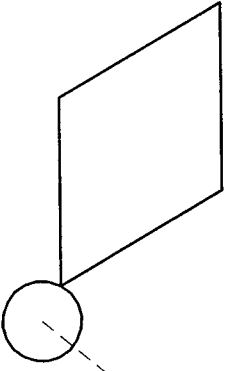
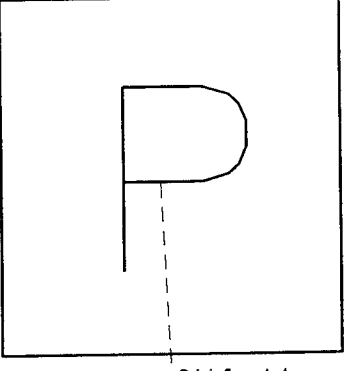
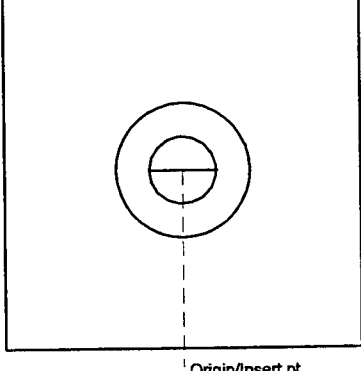
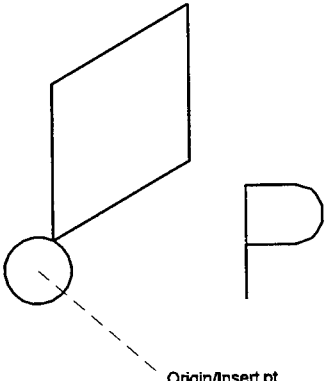
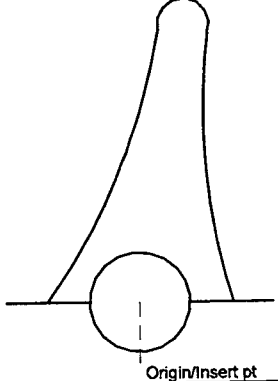
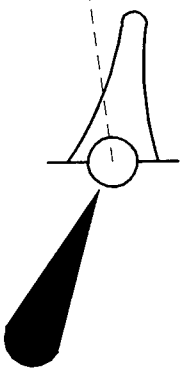
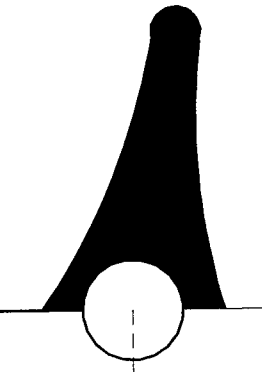
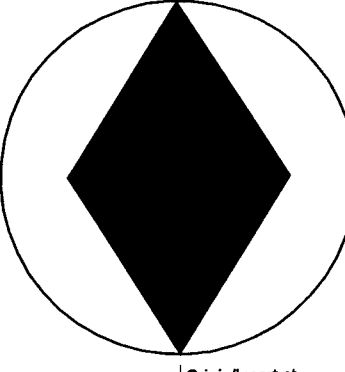
		
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<p>Survey/Mapping: LTFLT2 LIGHT FLOAT IALA Element type: Symbol</p>	<p>Survey/Mapping: LTHOU1 LIGHTHOUSE Element type: Symbol</p>	<p>Survey/Mapping: LTHOU2 LIGHTHOUSE Element type: Symbol</p>

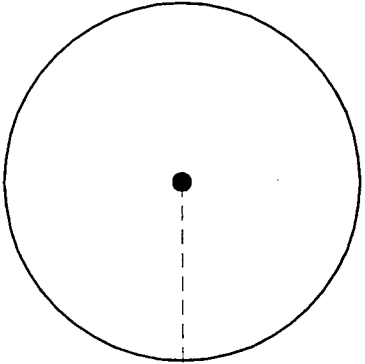

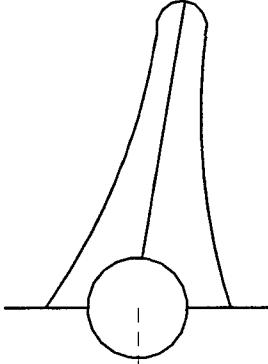
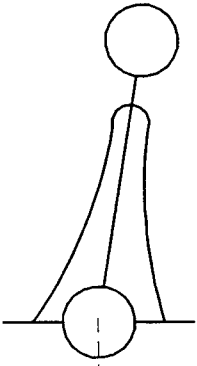
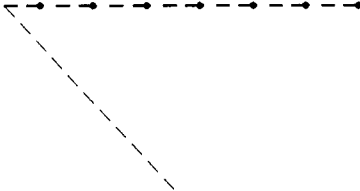
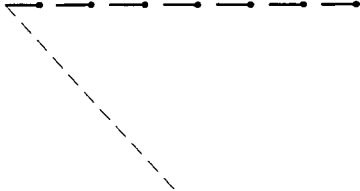
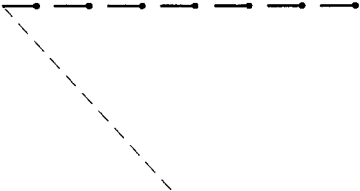
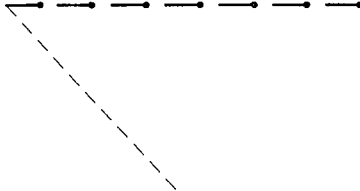
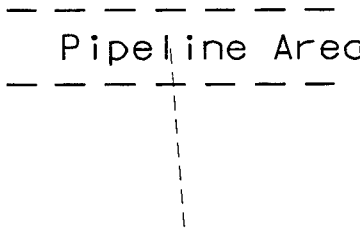
		
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<p>Survey/Mapping: LTPLX LIGHT POLE_EXISTING Element type: Symbol</p>	<p>Survey/Mapping: LTSHP1 LIGHTED VESSEL LIGHTSHIP Element type: Symbol</p>	<p>Survey/Mapping: LTSHP2 LIGHTED VESSEL LIGHTSHIP Element type: Symbol</p>

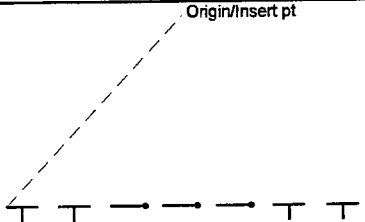
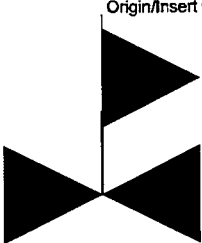
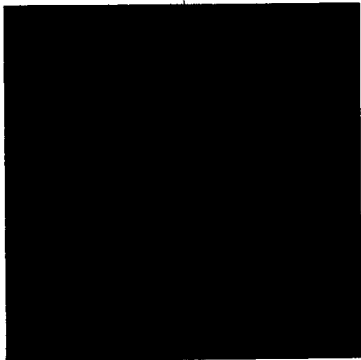
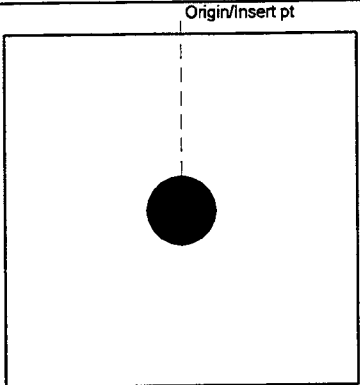

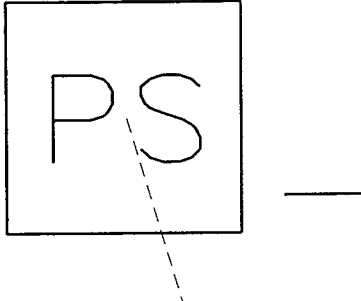
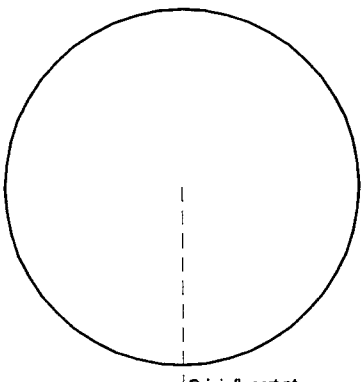
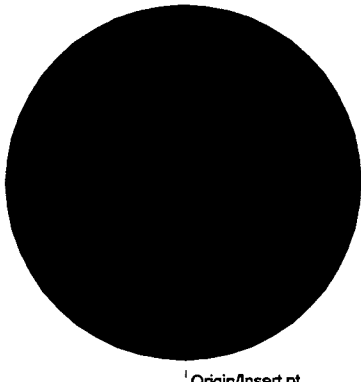
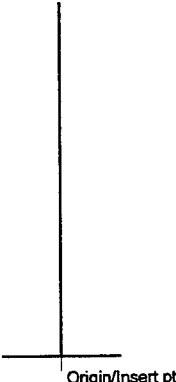
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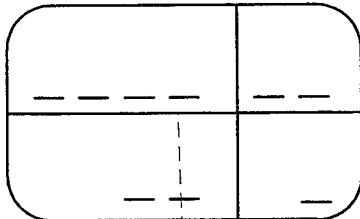
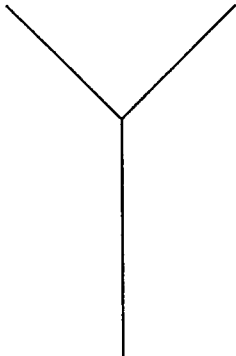
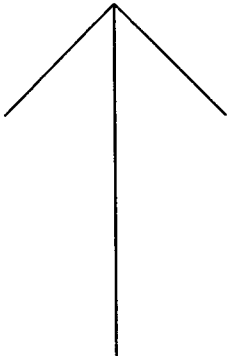
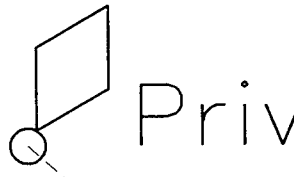
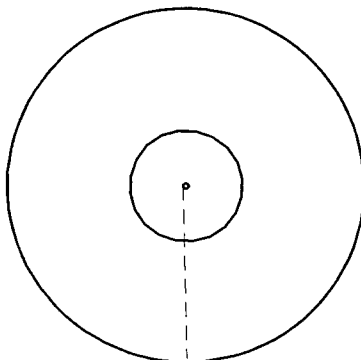
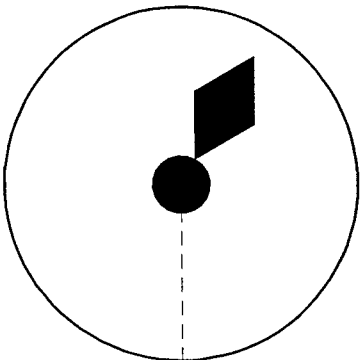
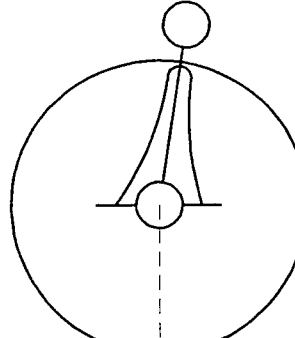
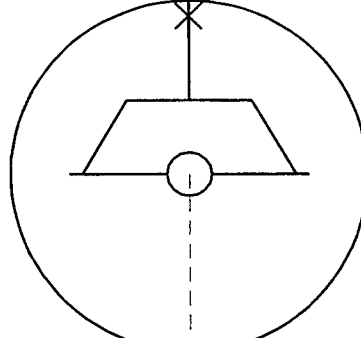
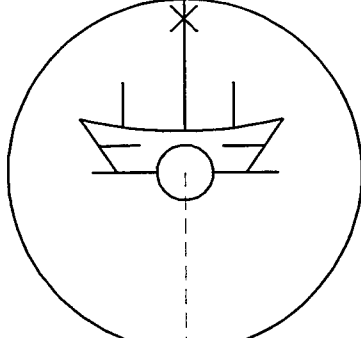
		
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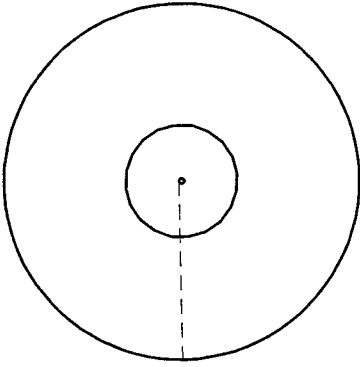
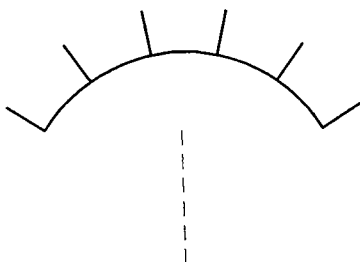
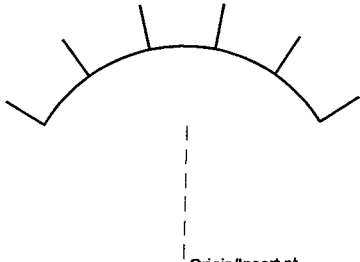
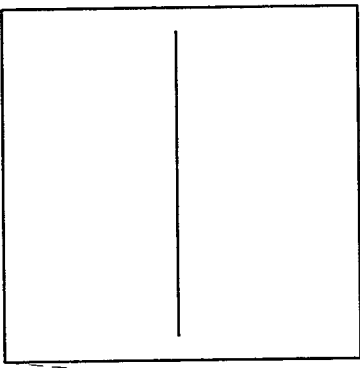
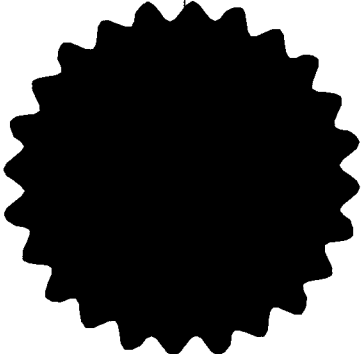
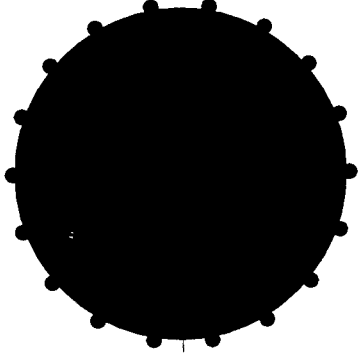
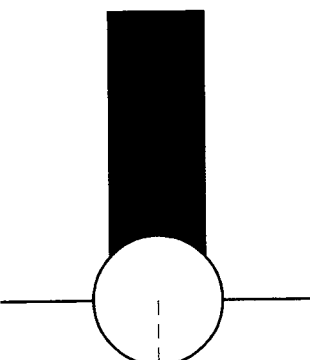
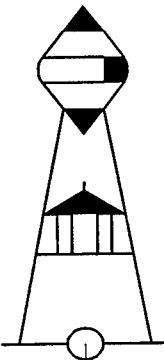
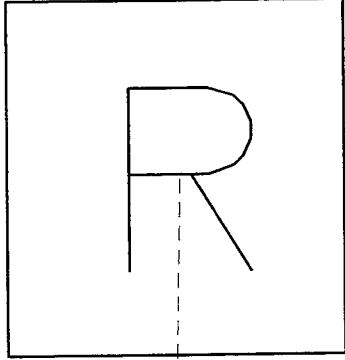
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 <p>Origin/Insert pt</p>	 <p>Origin/Insert pt</p>	 <p>Origin/Insert pt</p>
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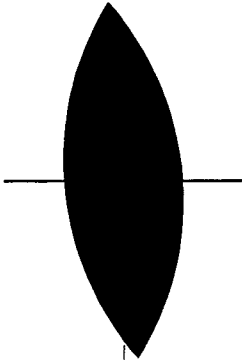
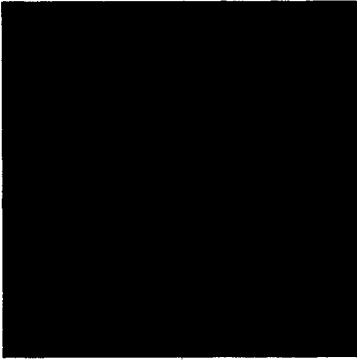
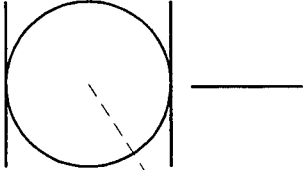
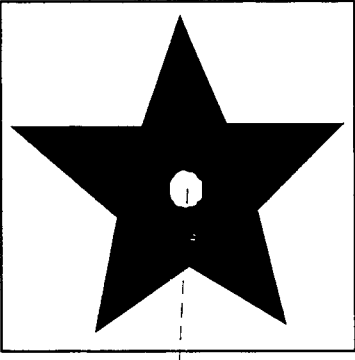
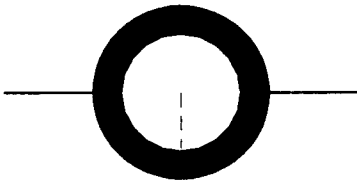
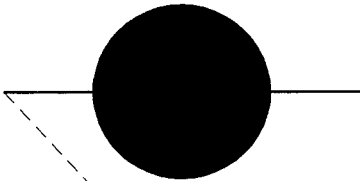
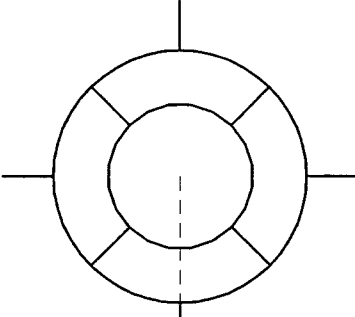
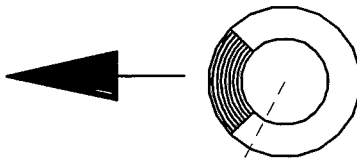
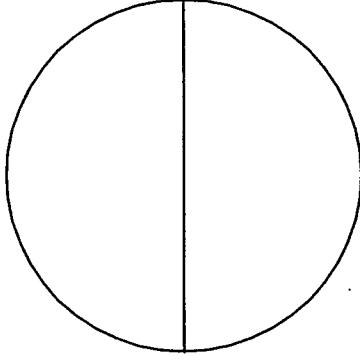
		
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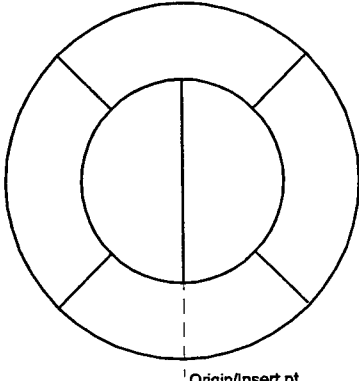
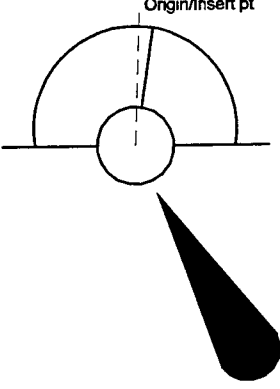
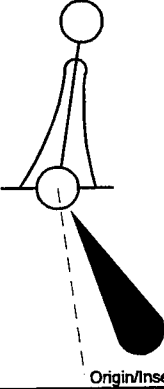
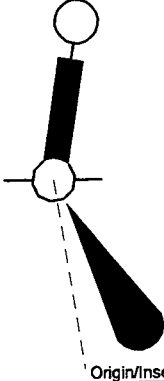
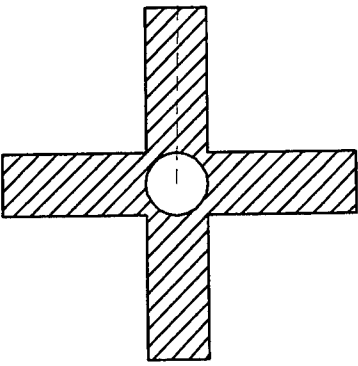
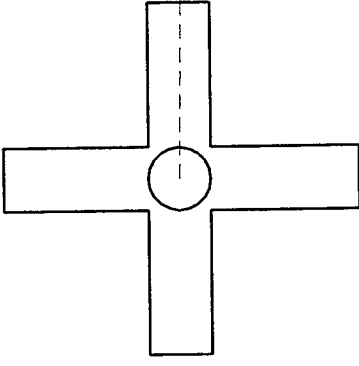
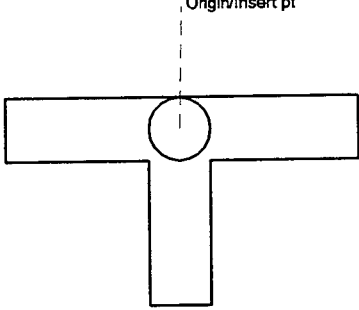
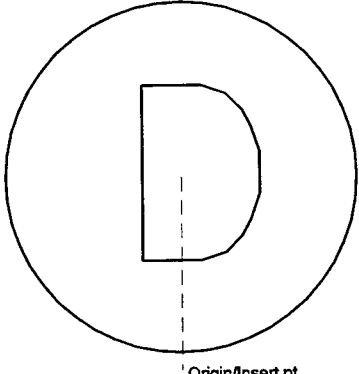
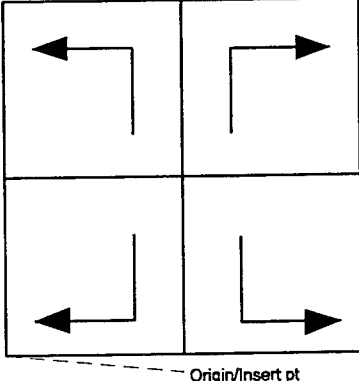
		
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<p>Survey/Mapping: PILVT V STRP PILLAR BUOY W TOPMK Element type: Symbol</p>	<p>Survey/Mapping: PIPDIS DISUSED PIPELINE PIPE Element type: Symbol</p>	<p>Survey/Mapping: PIPE WATER SEWER OUTFALL INTAKE Element type: Symbol</p>
		
<p>Survey/Mapping: PIPE1 OIL GAS PIPELINE Element type: Symbol</p>	<p>Survey/Mapping: PIPE2 OIL GAS PIPELINE Element type: Symbol</p>	<p>Survey/Mapping: PIPES1 OIL GAS PIPELINE AREA Element type: Symbol</p>

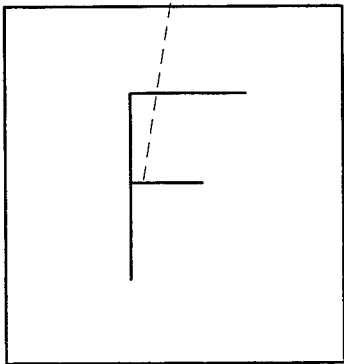
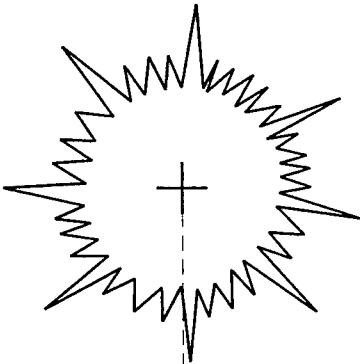
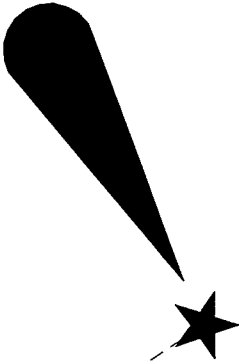
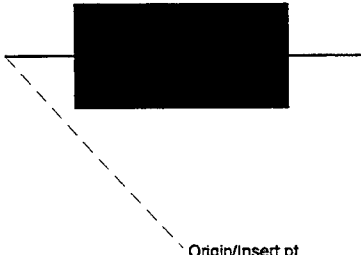
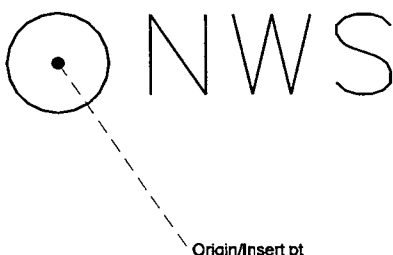
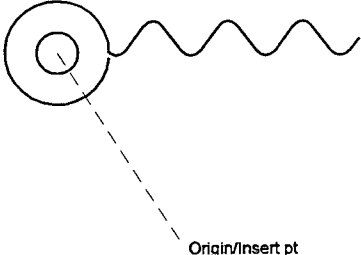
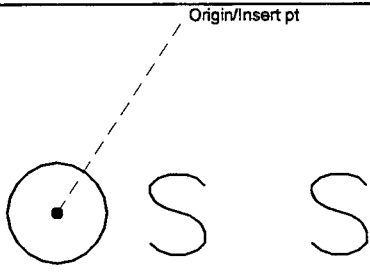
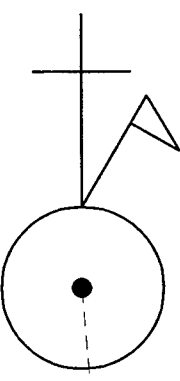
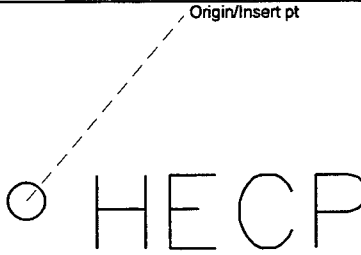
		
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<p>Survey/Mapping: POLE1 POLE STAKE PERCH Element type: Symbol</p>	<p>Survey/Mapping: POLE2 POLE STAKE PERCH Element type: Symbol</p>	<p>Survey/Mapping: POLE3 POLE STAKE PERCH Element type: Symbol</p>

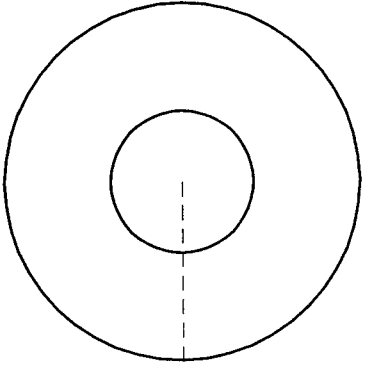


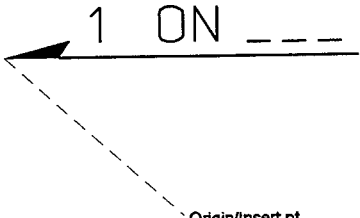
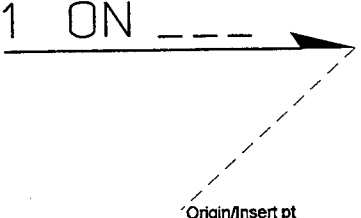
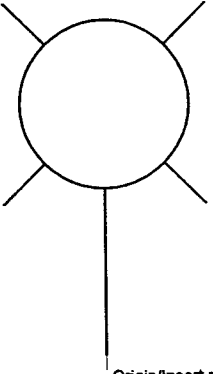
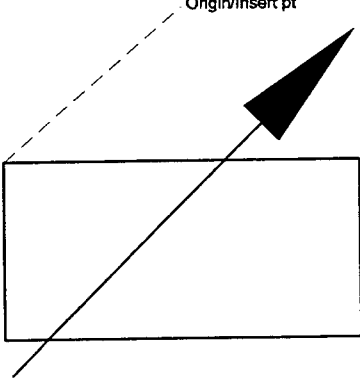
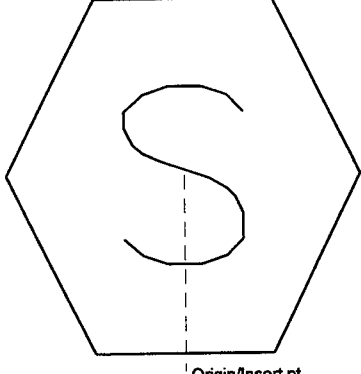
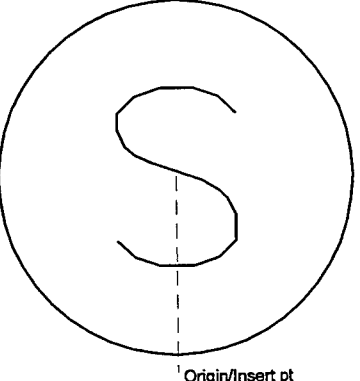
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<p>Survey/Mapping: PRIVB PRIVATE BARREL BUOY Element type: Symbol</p>	<p>Survey/Mapping: RADAR RADAR STATION OR BEACON Element type: Symbol</p>	<p>Survey/Mapping: RADAR1 FLOATING RADAR BEACON Element type: Symbol</p>
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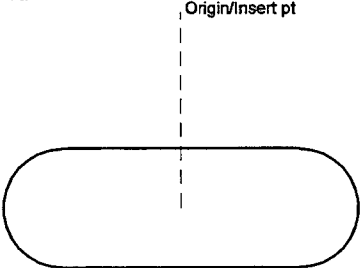
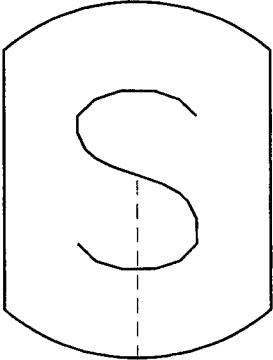
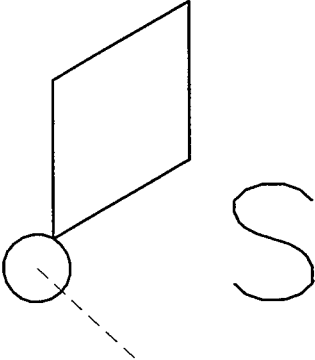
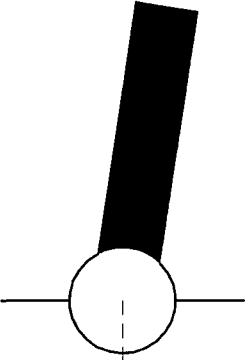
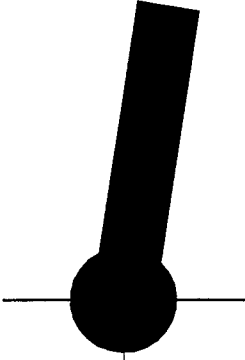
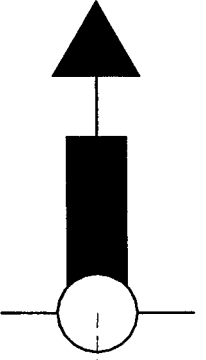
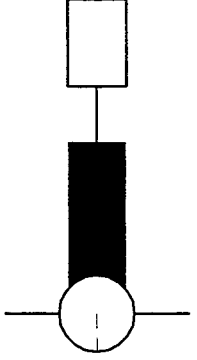
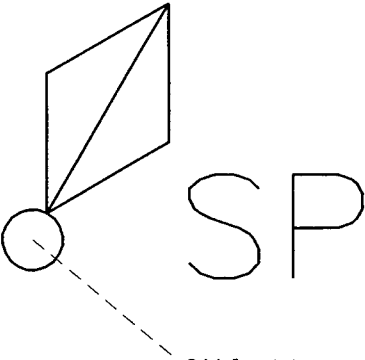
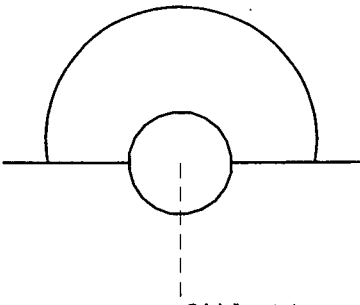
		
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<p>Survey/Mapping: REFUG1 REFUGE BEACON Element type: Symbol</p>	<p>Survey/Mapping: REFUG2 REFUGE BEACON Element type: Symbol</p>	<p>Survey/Mapping: REIL REIL LIGHT UNIT Element type: Symbol</p>

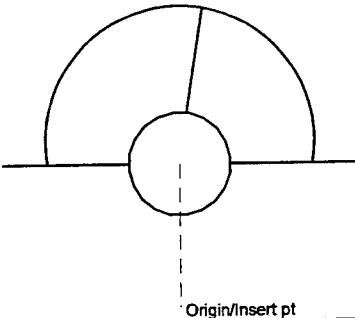
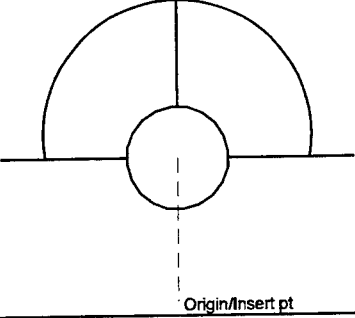
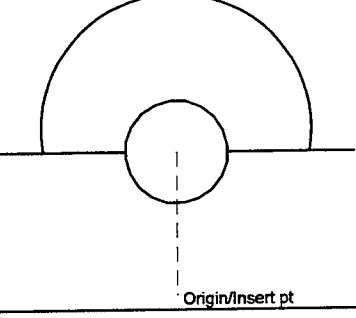
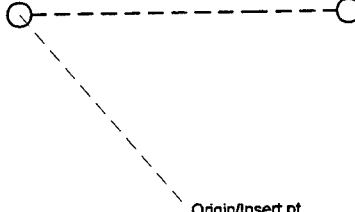

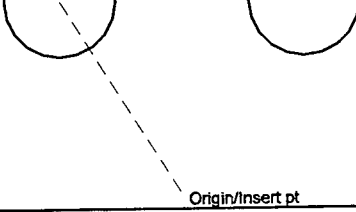
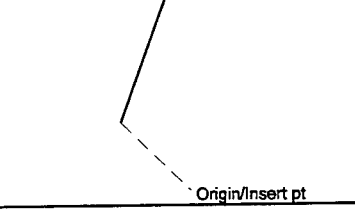
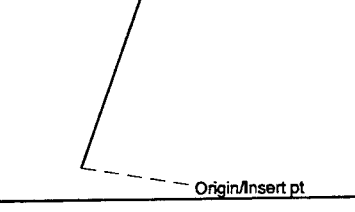
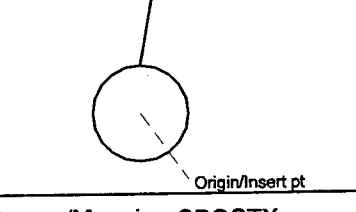
		
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<p>Survey/Mapping: RWCLL RW CENTERLINE LIGHT Element type: Symbol</p>	<p>Survey/Mapping: RWEL RW END LIGHT Element type: Symbol</p>	<p>Survey/Mapping: RWLEL RW EDGE LIGHT_ELEVATED Element type: Symbol</p>

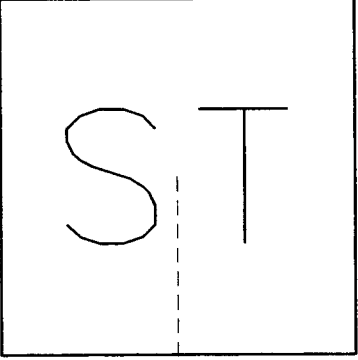
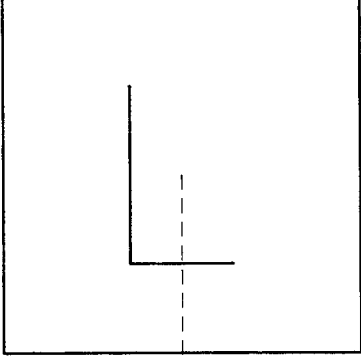
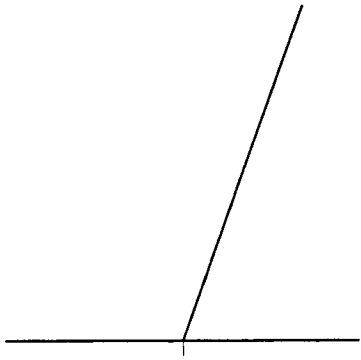
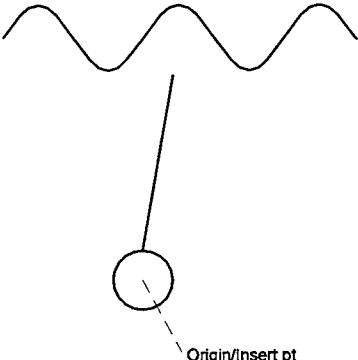
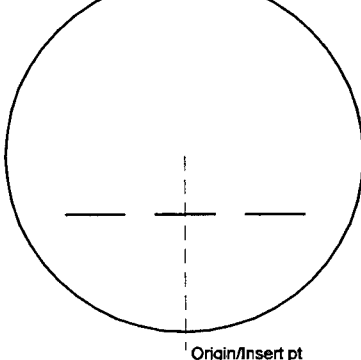
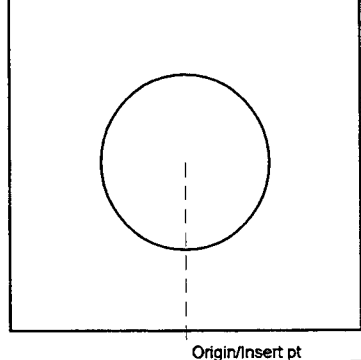
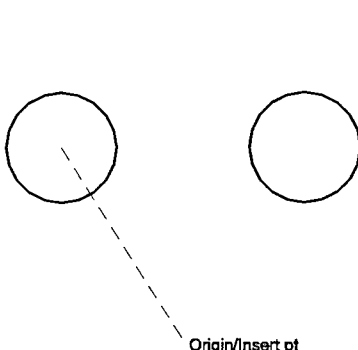
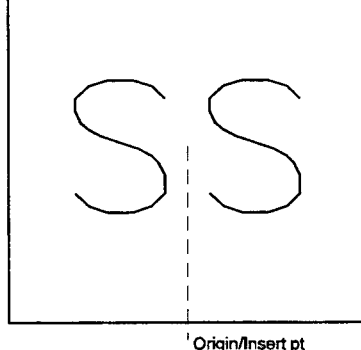
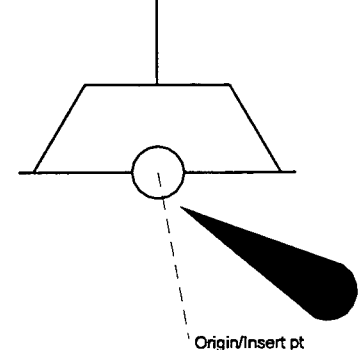
		
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<p>Survey/Mapping: SCNRTO SECTION CORNER T OPEN Element type: Symbol</p>	<p>Survey/Mapping: SDMHOL STORM DRAINAGE MANHOLE Element type: Symbol</p>	<p>Survey/Mapping: SECCUT TYPICAL SECTION CUT Element type: Symbol</p>

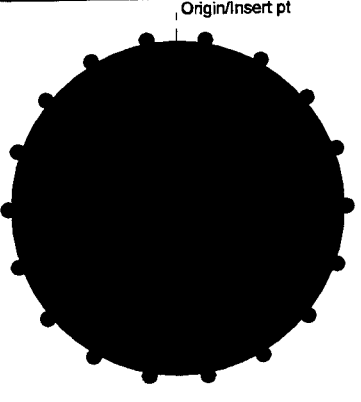
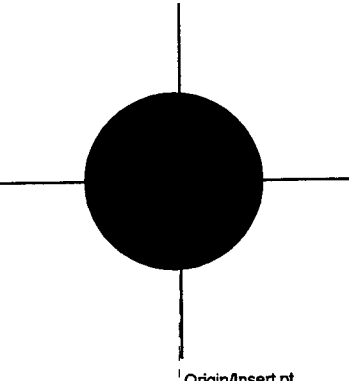
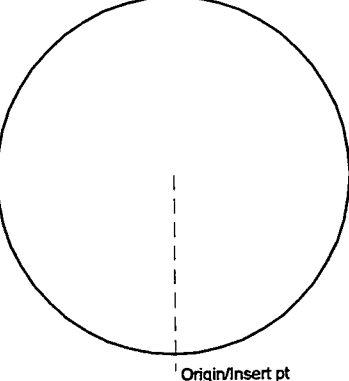
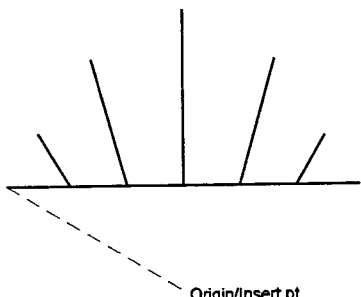
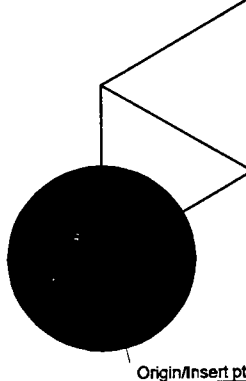
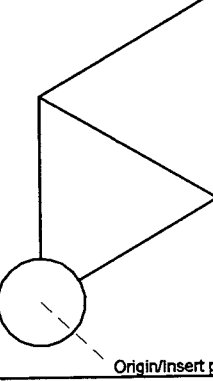

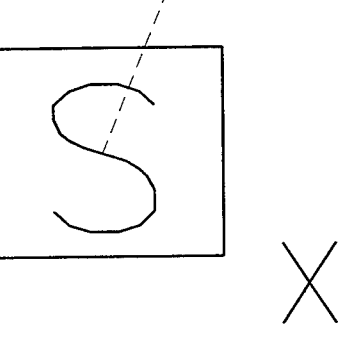
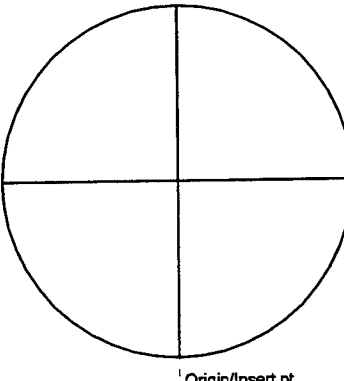
		
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<p>Survey/Mapping: SIGN SIGN Element type: Symbol</p>	<p>Survey/Mapping: SIGNWS NAT WEATHER SVC STATION Element type: Symbol</p>	<p>Survey/Mapping: SIGSHO SUB SIGNAL CONNECT SHORE Element type: Symbol</p>
		
<p>Survey/Mapping: SIGST1 SIGNAL STATION GENERAL Element type: Symbol</p>	<p>Survey/Mapping: SIGST2 SIGNAL STATION GENERAL Element type: Symbol</p>	<p>Survey/Mapping: SIGSTP PORT CONTROL SIGNAL STATION Element type: Symbol</p>

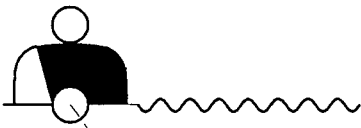
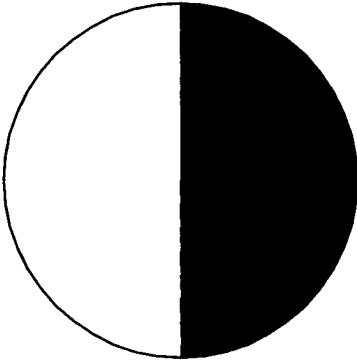
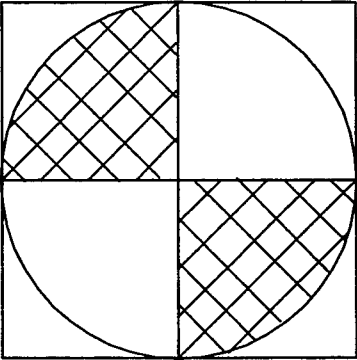
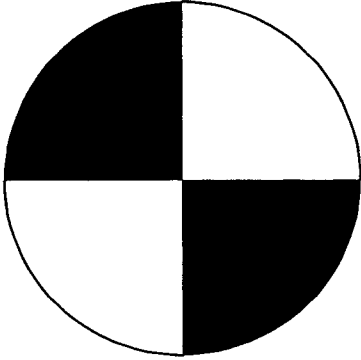
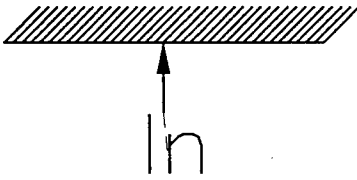

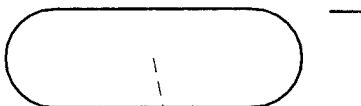
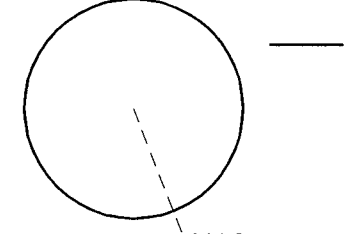
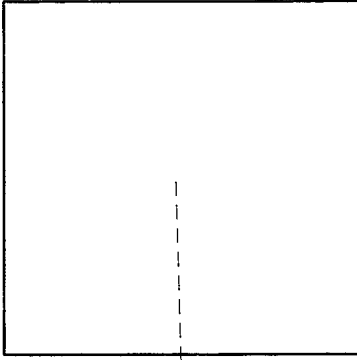
		
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<p>Survey/Mapping: SLARRL SLOPE AR W ENTER DATA FIELD Element type: Symbol</p>	<p>Survey/Mapping: SLARRR SLOPE AR W ENTER DATA FIELD Element type: Symbol</p>	<p>Survey/Mapping: SLLX STREETLITE LUMINAIRE_EXIST Element type: Symbol</p>
		
<p>Survey/Mapping: SLREG CONSTNT CURRENT TRANSFORMER Element type: Symbol</p>	<p>Survey/Mapping: SNMETR SANITARY METER Element type: Symbol</p>	<p>Survey/Mapping: SNMHOL SANITARY MANHOLE Element type: Symbol</p>

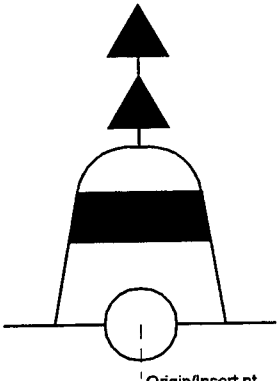
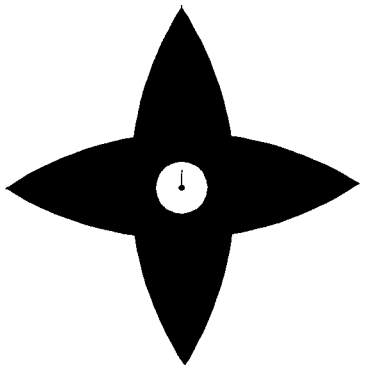
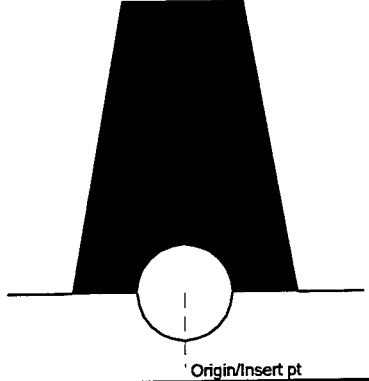
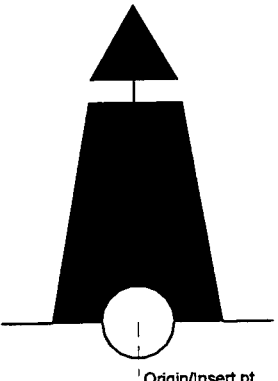
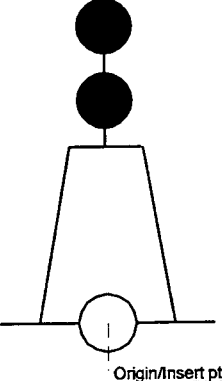
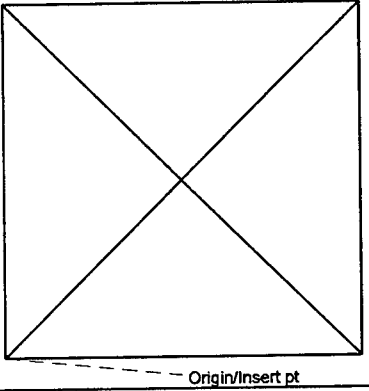
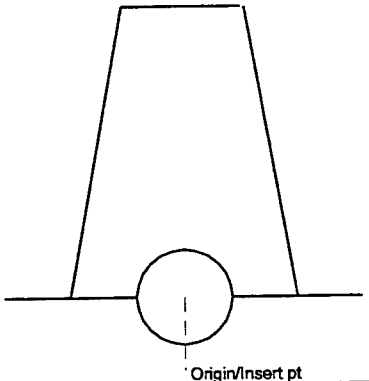
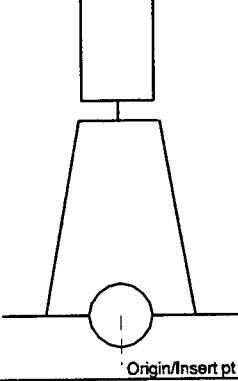
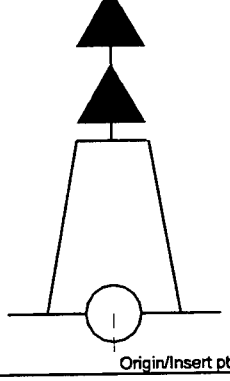
		
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<p>Survey/Mapping: SPARWT WHITE SPAR BUOY W TOP Element type: Symbol</p>	<p>Survey/Mapping: SPH1 SPHERICAL BUOY Element type: Symbol</p>	<p>Survey/Mapping: SPH2 SPHERICAL BUOY Element type: Symbol</p>

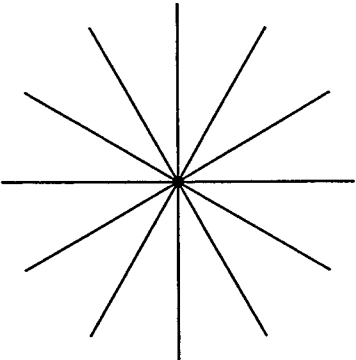
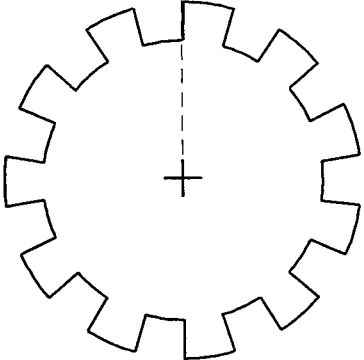
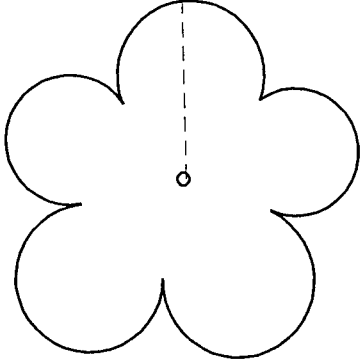

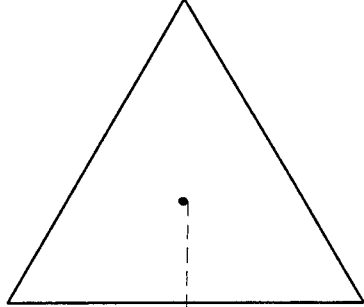
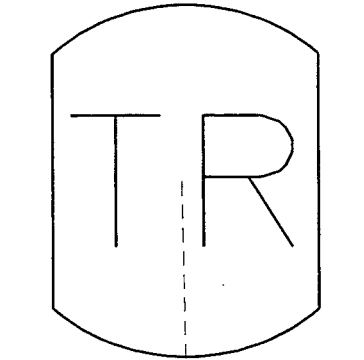
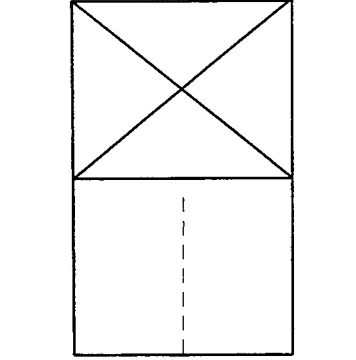
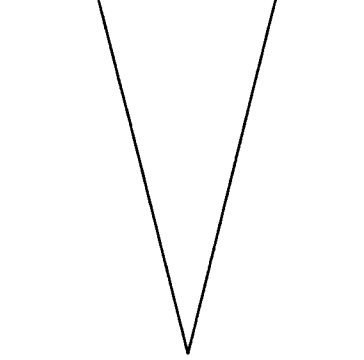
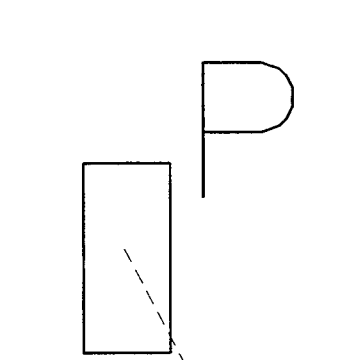
		
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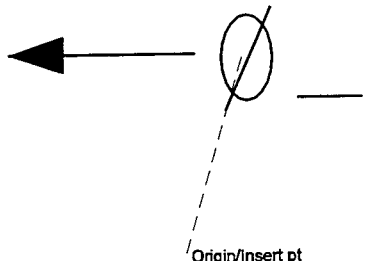
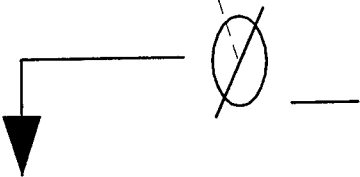
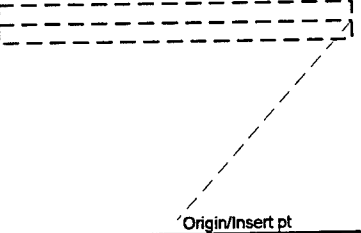
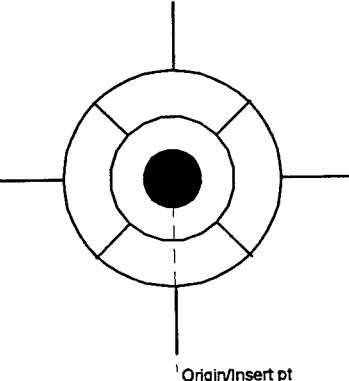
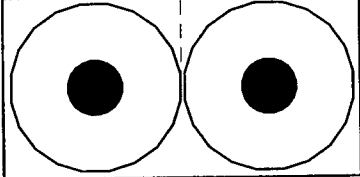
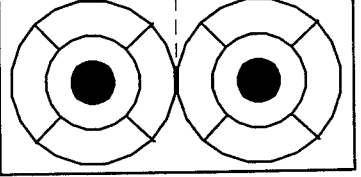
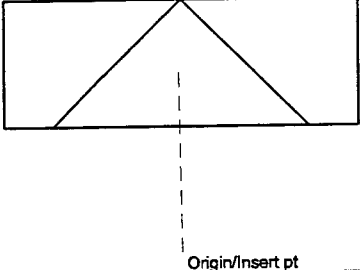
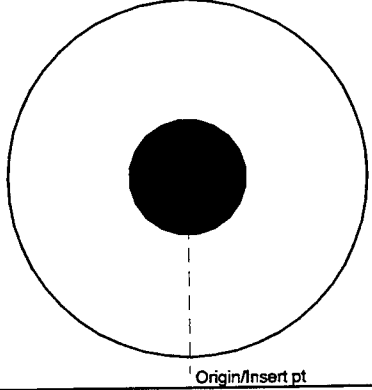
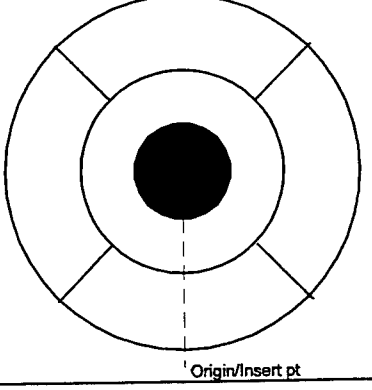
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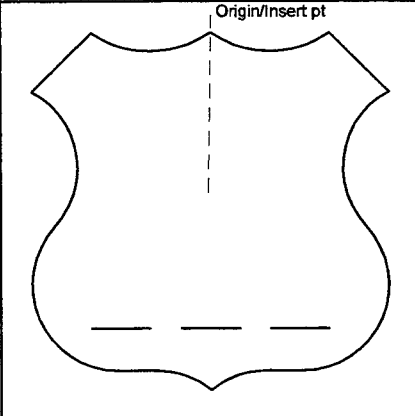
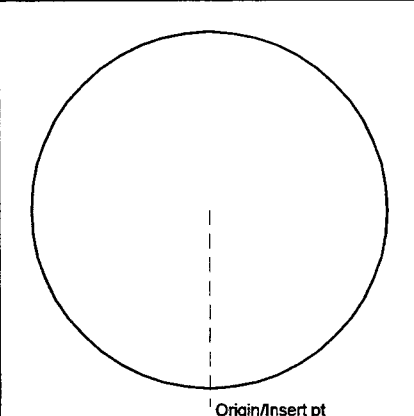
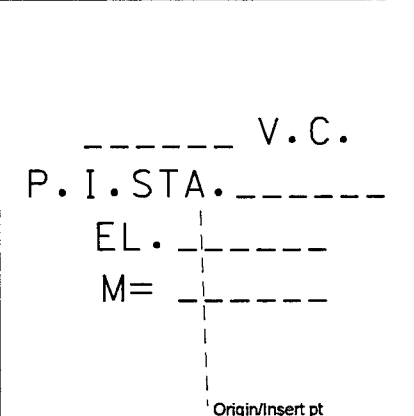
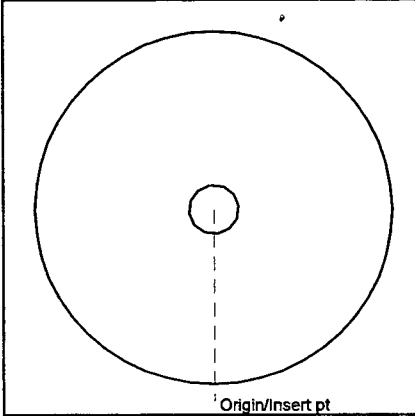
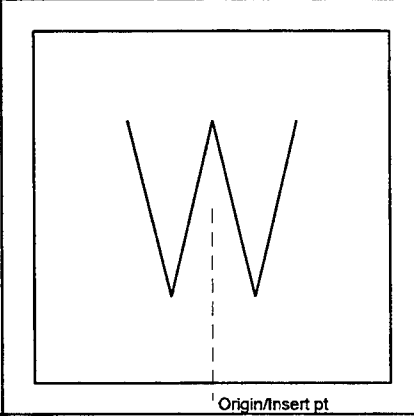
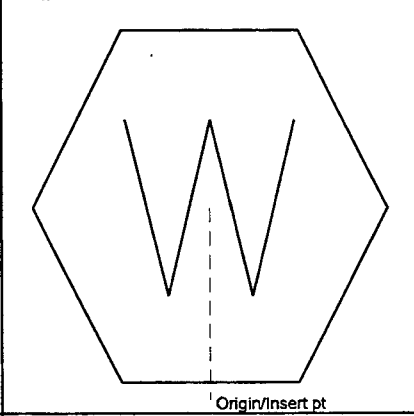
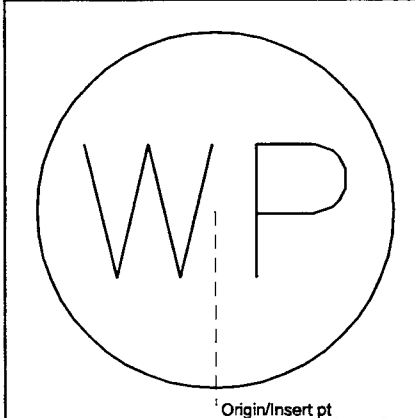
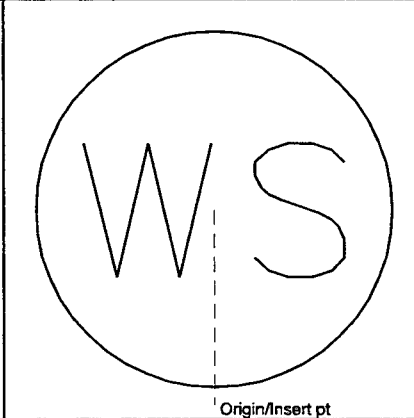
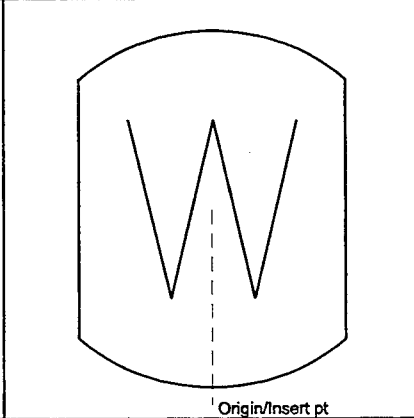
		
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<p>Survey/Mapping: SWAMP SWAMP Element type: Symbol</p>	<p>Survey/Mapping: SWELB1 SUBMERGED WELL W BUOY Element type: Symbol</p>	<p>Survey/Mapping: SWELB2 SUBMERGED WELL W BUOY Element type: Symbol</p>
		
<p>Survey/Mapping: SWELL5 SUBMERGED PROD WELL Element type: Symbol</p>	<p>Survey/Mapping: SWPADX SWITCH_PAD_EXIST Element type: Symbol</p>	<p>Survey/Mapping: TDZL TOUCHDOWN ZONE LIGHT Element type: Symbol</p>

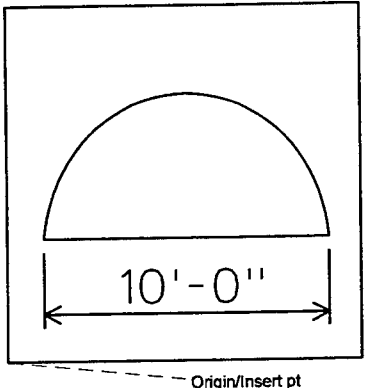
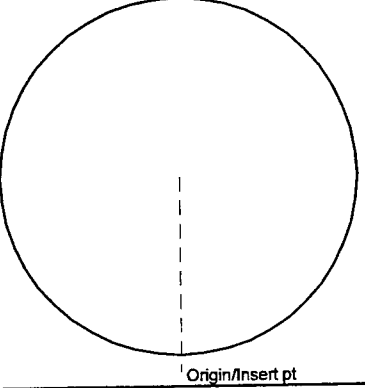
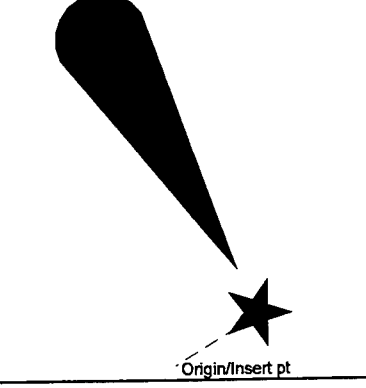
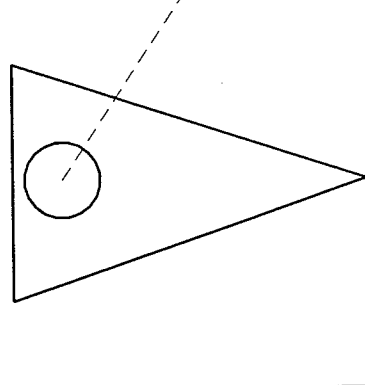
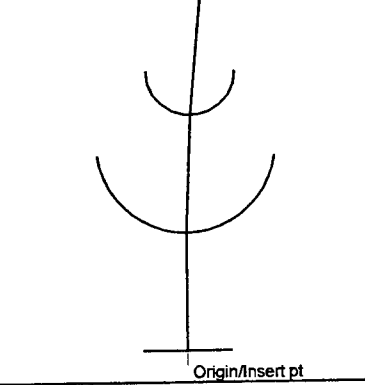
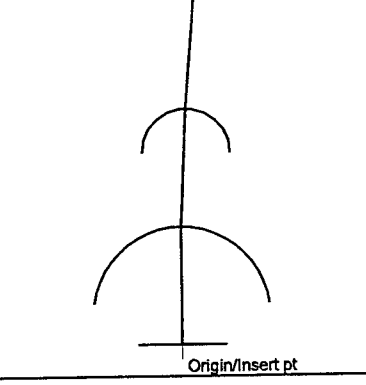
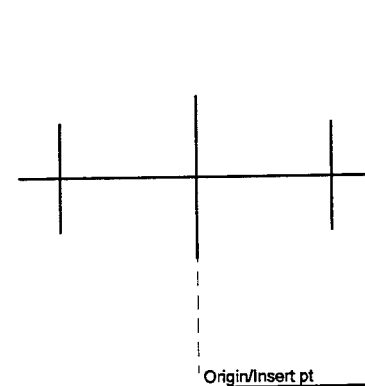
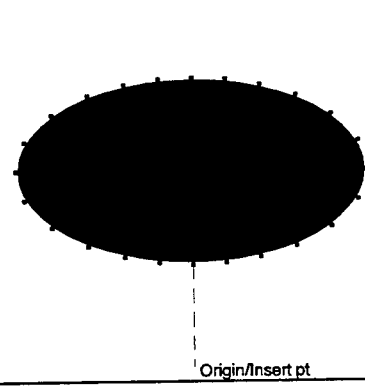
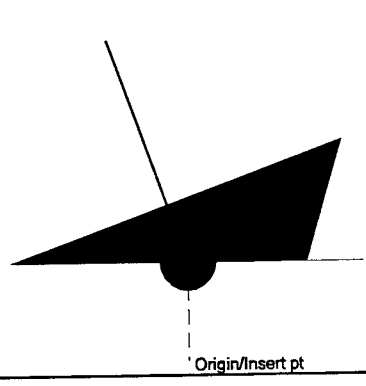
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<p>Survey/Mapping: TNKHAG TANK HORIZ ABOVE GROUND Element type: Symbol</p>	<p>Survey/Mapping: TNKVAG TANK VERTICAL ABOVE GROUND Element type: Symbol</p>	<p>Survey/Mapping: TOW1 BEACON TOWER Element type: Symbol</p>

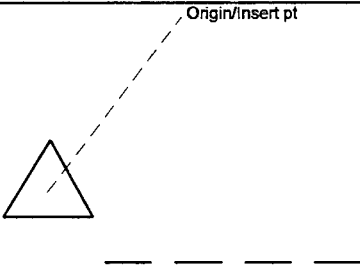
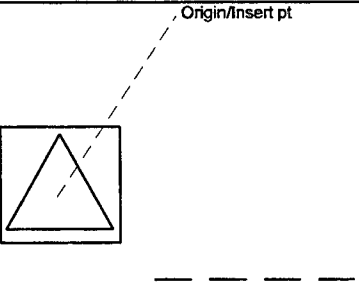
		
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<p>Survey/Mapping: TOWBT1 BLACK BEACON TOWER W TOP Element type: Symbol</p>	<p>Survey/Mapping: TOWBT2 BLACK BEACON TOWER W TOP Element type: Symbol</p>	<p>Survey/Mapping: TOWER TRANSMISSION TOWER Element type: Symbol</p>
		
<p>Survey/Mapping: TOWW WHITE BEACON TOWER Element type: Symbol</p>	<p>Survey/Mapping: TOWWT1 WHITE BEACON TOWER W TOP Element type: Symbol</p>	<p>Survey/Mapping: TOWWT2 WHITE BEACON TOWER W T Element type: Symbol</p>

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<p>Survey/Mapping: TREEC CONIFEROUS TREE Element type: Symbol</p>	<p>Survey/Mapping: TREED DECIDUOUS TREE Element type: Symbol</p>	<p>Survey/Mapping: TREEG GENERIC TREE Element type: Symbol</p>
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 <p>Origin/Insert pt</p>	 <p>Origin/Insert pt</p>	 <p>Origin/Insert pt</p>
<p>Survey/Mapping: TSCTRL TR SIGNAL CONTROLLER Element type: Symbol</p>	<p>Survey/Mapping: TSHEAD TRAFFIC SIGNAL HEAD Element type: Symbol</p>	<p>Survey/Mapping: TSPBX TR SIGNAL PULLBOX Element type: Symbol</p>


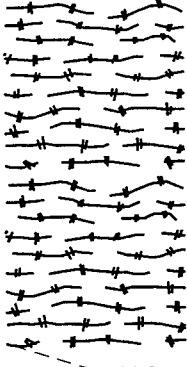
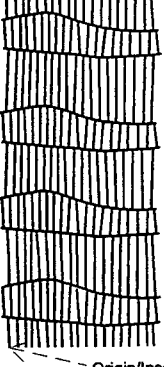

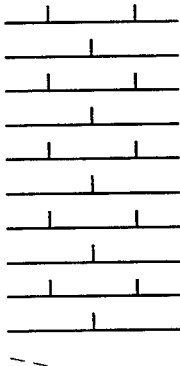
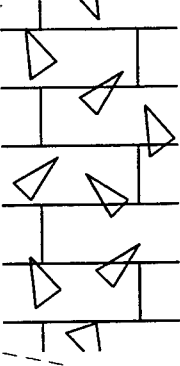
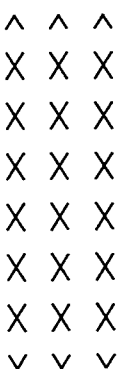
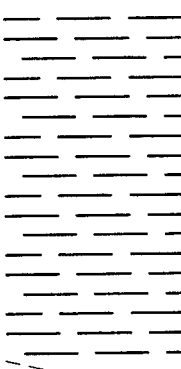

		
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<p>Survey/Mapping: TWCLL TW CENTERLINE LIGHT Element type: Symbol</p>	<p>Survey/Mapping: TWELEL TW END LIGHT ELEVATED Element type: Symbol</p>	<p>Survey/Mapping: TWLSF TW END LIGHT SEMIFLUSH Element type: Symbol</p>
		
<p>Survey/Mapping: TWGSGN TW GUIDANCE SIGN Element type: Symbol</p>	<p>Survey/Mapping: TWLEL TW EDGE LIGHT ELEVATED Element type: Symbol</p>	<p>Survey/Mapping: TWLSF TW EDGE LIGHT SEMIFLUSH Element type: Symbol</p>


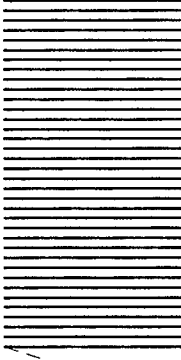
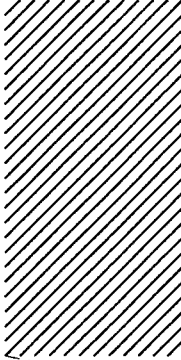
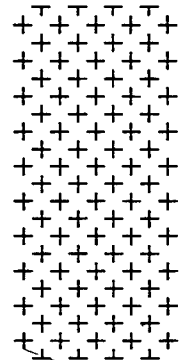
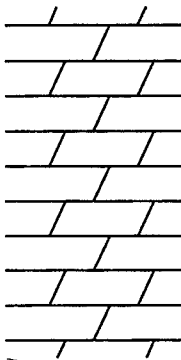
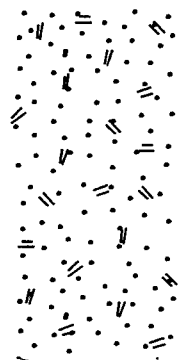

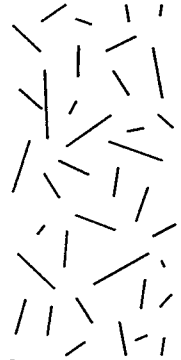
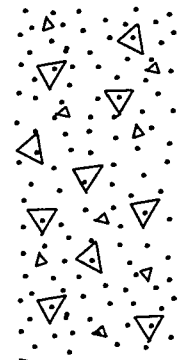
		
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Survey/Mapping: VERCPT VERTICAL CONTROL POINT Element type: Symbol	Survey/Mapping: WAHHOL WATER HANDHOLE Element type: Symbol	Survey/Mapping: WAMETR WATER METER Element type: Symbol
		
Survey/Mapping: WAPLNT WATER PLANT Element type: Symbol	Survey/Mapping: WASOFT WATER SOFTENER Element type: Symbol	Survey/Mapping: WAVALT WATER VALVE VAULT Element type: Symbol

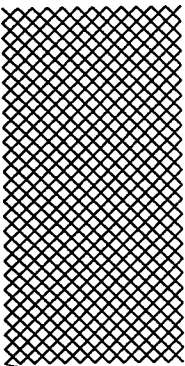
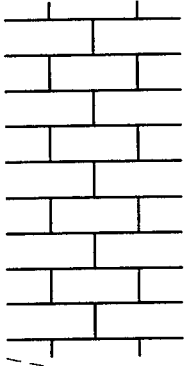
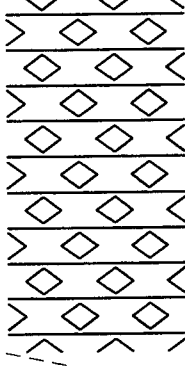
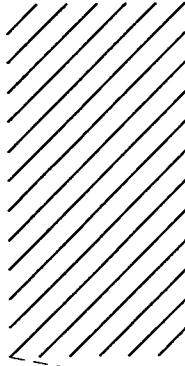

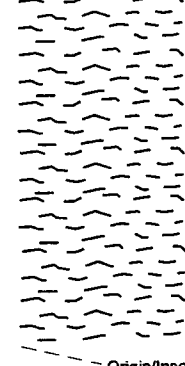
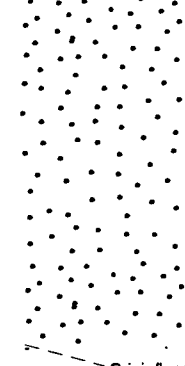

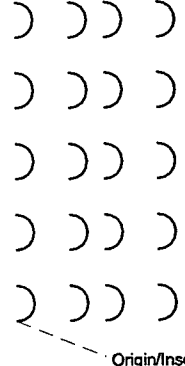
		
<p>Survey/Mapping: WEIR WEIR Element type: Symbol</p>	<p>Survey/Mapping: WELL1 ABOVE WATER WELLHEAD Element type: Symbol</p>	<p>Survey/Mapping: WELL3 ABOVE WATER WELLHEAD Element type: Symbol</p>
		
<p>Survey/Mapping: WINDCN WINDCONE Element type: Symbol</p>	<p>Survey/Mapping: WITHYP PORT HAND WITHY Element type: Symbol</p>	<p>Survey/Mapping: WITHYS STARBOARD HAND WITHY Element type: Symbol</p>
		
<p>Survey/Mapping: WRECK WRECK NOT DANGEROUS Element type: Symbol</p>	<p>Survey/Mapping: WRKDNG DANGER WRECK DEPTH UNKNOWN Element type: Symbol</p>	<p>Survey/Mapping: WRKEXP WRECK PARTLY EXPOSED Element type: Symbol</p>

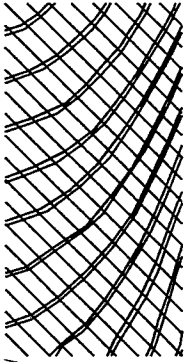
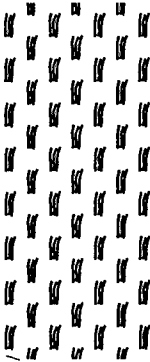
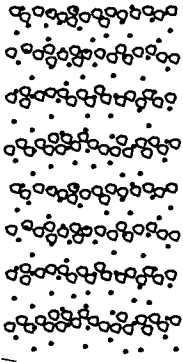
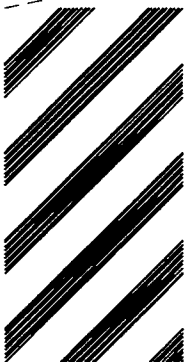

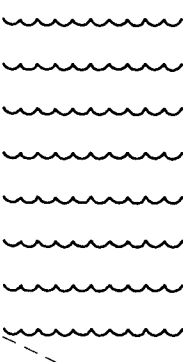
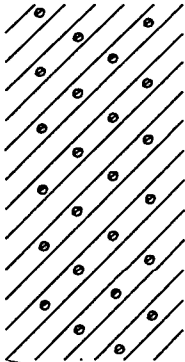
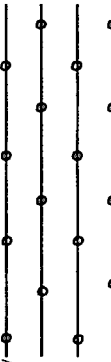
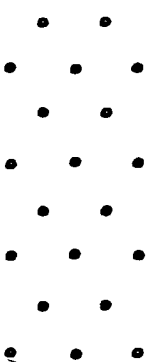
	
<p>Survey/Mapping: XFRPLX XFMR_POLE_EXIST Element type: Symbol</p>	<p>Survey/Mapping: XFRPMX XFMR_PAD_EXIST Element type: Symbol</p>

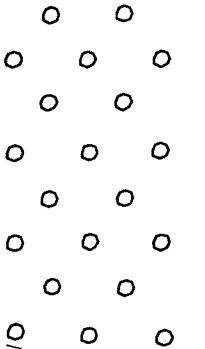
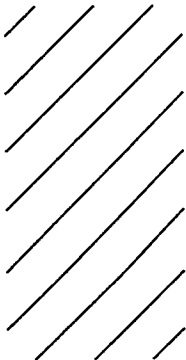
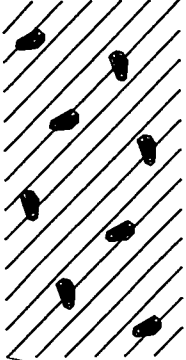
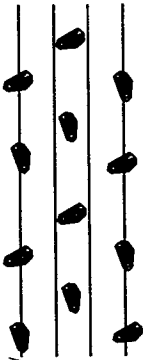



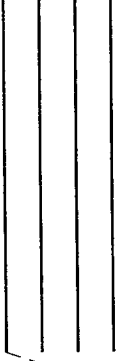
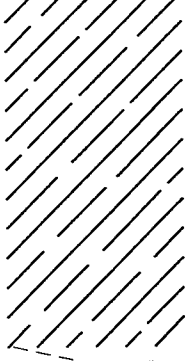
4 Geotechnical Patterns Library

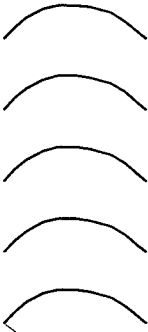
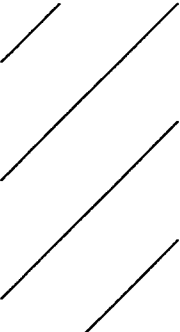
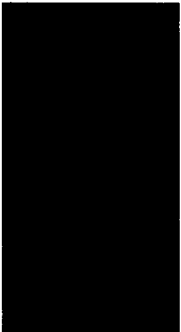
		
<p>Geotechnical: AGGLOM AGGLOMERATE FLOW BRECCIA Element type: Pattern</p>	<p>Geotechnical: ANDES ANDESITE Element type: Pattern</p>	<p>Geotechnical: BASALT BASALT Element type: Pattern</p>
		
<p>Geotechnical: BRECCA BRECCIA Element type: Pattern</p>	<p>Geotechnical: CHALK CHALK OR MARL Element type: Pattern</p>	<p>Geotechnical: CHERT CHERT Element type: Pattern</p>
		
<p>Geotechnical: CLAYST CLAYSTONE OR SILTSTONE Element type: Pattern</p>	<p>Geotechnical: CMPSHL COMPACTION SHALE Element type: Pattern</p>	<p>Geotechnical: COAL COAL Element type: Pattern</p>

 <p>Origin/Insert pt</p>	 <p>Origin/Insert pt</p>	 <p>Origin/Insert pt</p>
<p>Geotechnical: CONGLM CONGLOMERATE Element type: Pattern</p>	<p>Geotechnical: CSHALE CEMENTED SHALE Element type: Pattern</p>	<p>Geotechnical: CSJNT CLOSELY SPACED JOINTS Element type: Pattern</p>
 <p>Origin/Insert pt</p>	 <p>Origin/Insert pt</p>	 <p>Origin/Insert pt</p>
<p>Geotechnical: DIORIT DIORITE Element type: Pattern</p>	<p>Geotechnical: DOLOM DOLOMITE Element type: Pattern</p>	<p>Geotechnical: GABBRO GABBRO Element type: Pattern</p>
 <p>Origin/Insert pt</p>	 <p>Origin/Insert pt</p>	 <p>Origin/Insert pt</p>
<p>Geotechnical: GNEISS GNEISS Element type: Pattern</p>	<p>Geotechnical: GRANIT GRANITE Element type: Pattern</p>	<p>Geotechnical: GRAYWC GRAYWACKE Element type: Pattern</p>

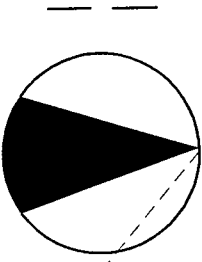
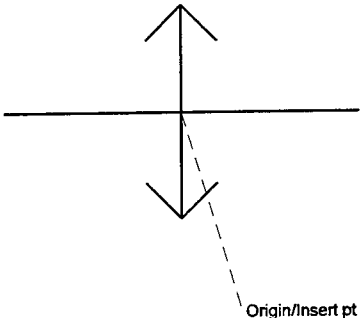
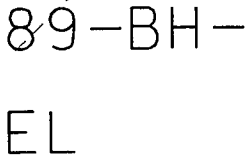
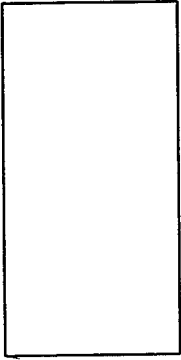
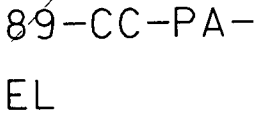
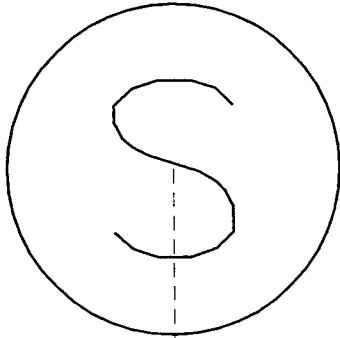
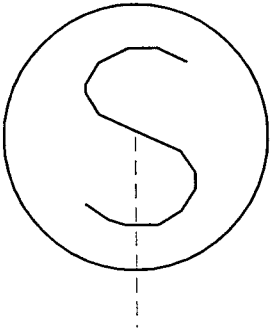
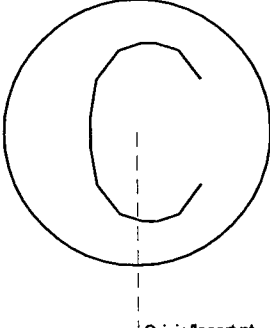
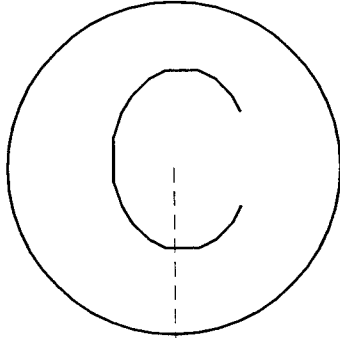
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<p>Geotechnical: HFRACHT HIGHLY FRACTURED Element type: Pattern</p>	<p>Geotechnical: LIMEST LIMESTONE Element type: Pattern</p>	<p>Geotechnical: MARBL1 MARBLE ELEVATION VIEW Element type: Pattern</p>
 <p>Origin/Insert pt</p>	 <p>Origin/Insert pt</p>	 <p>Origin/Insert pt</p>
<p>Geotechnical: MSJNT MODERATELY SPACED JOINTS Element type: Pattern</p>	<p>Geotechnical: QUARTZ QUARTZITE Element type: Pattern</p>	<p>Geotechnical: RHYOLT RHYOLITE Element type: Pattern</p>
 <p>Origin/Insert pt</p>	 <p>Origin/Insert pt</p>	 <p>Origin/Insert pt</p>
<p>Geotechnical: SANDST SANDSTONE Element type: Pattern</p>	<p>Geotechnical: SCHIST SCHIST Element type: Pattern</p>	<p>Geotechnical: SHELL SHELLS Element type: Pattern</p>

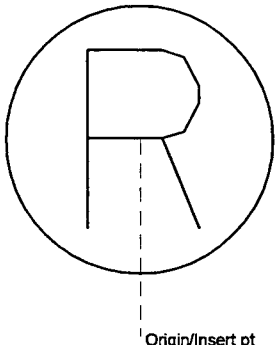
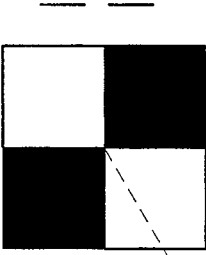
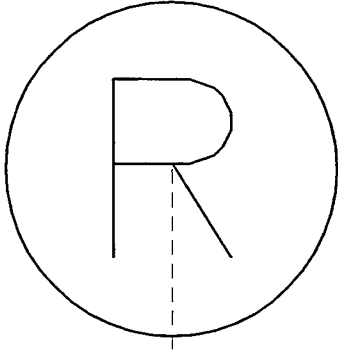
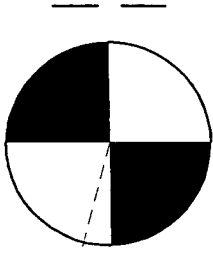
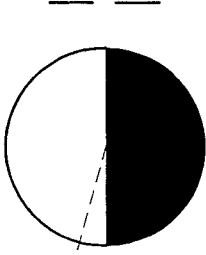
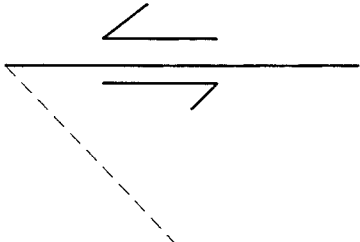
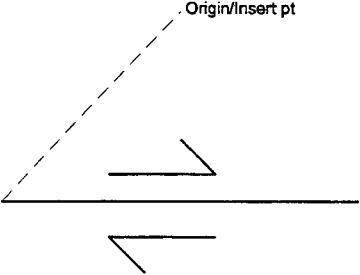
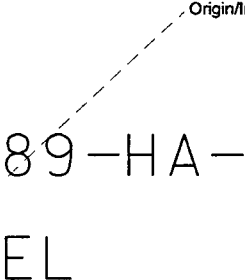
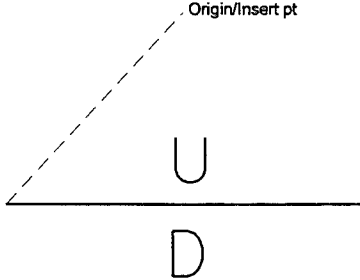
 <p>Origin/Insert pt</p>	 <p>Origin/Insert pt</p>	 <p>Origin/Insert pt</p>
<p>Geotechnical: SLATE SLATE Element type: Pattern</p>	<p>Geotechnical: SOAPST SOAPSTONE OR SERPENTINE Element type: Pattern</p>	<p>Geotechnical: TUFF TUFF OR TUFF BRECCIA Element type: Pattern</p>
 <p>Origin/Insert pt</p>	 <p>Origin/Insert pt</p>	 <p>Origin/Insert pt</p>
<p>Geotechnical: USCS1 USCS SOIL SYMBOL Element type: Pattern</p>	<p>Geotechnical: USCS10 OL ORGANIC CLAY OR SILT LOW Element type: Pattern</p>	<p>Geotechnical: USCS11 PT PEAT Element type: Pattern</p>
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<p>Geotechnical: USCS12 SC CLAYEY SAND Element type: Pattern</p>	<p>Geotechnical: USCS13 SM SILTY SAND Element type: Pattern</p>	<p>Geotechnical: USCS14 SP POORLY GRADED SAND Element type: Pattern</p>

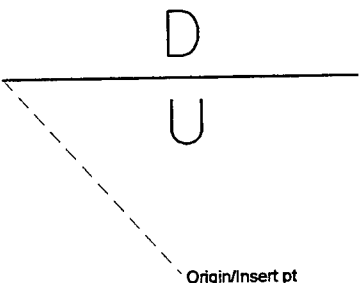
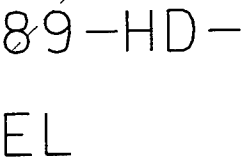
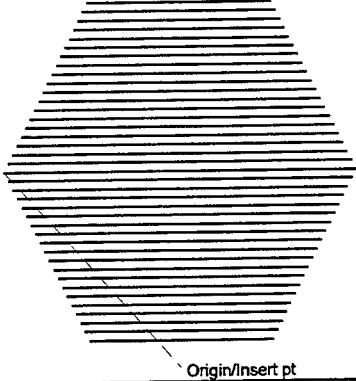

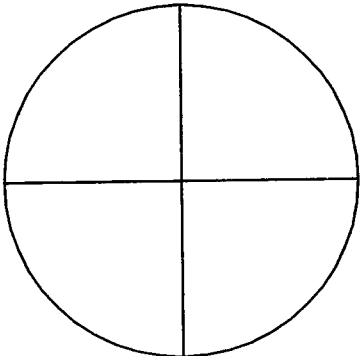

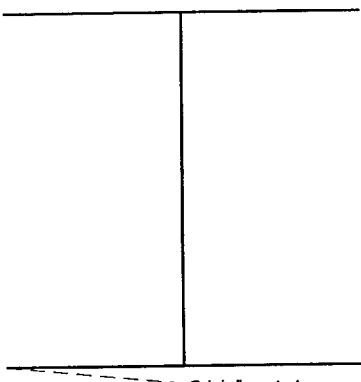
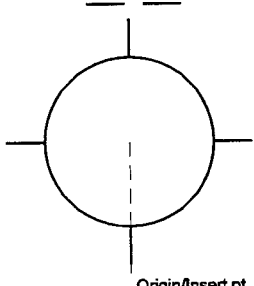
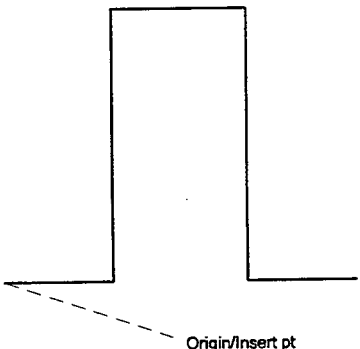
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<p>Geotechnical: USCS15 SW WELL GRADED SAND Element type: Pattern</p>	<p>Geotechnical: USCS2 CL LEAN CLAY Element type: Pattern</p>	<p>Geotechnical: USCS3 GC CLAYEY GRAVEL Element type: Pattern</p>
 <p>Origin/Insert pt</p>	 <p>Origin/Insert pt</p>	 <p>Origin/Insert pt</p>
<p>Geotechnical: USCS4 GM SILTY GRAVEL Element type: Pattern</p>	<p>Geotechnical: USCS5 GP POORLY GRADED GRAVEL Element type: Pattern</p>	<p>Geotechnical: USCS6 GW WELL GRADED GRAVEL Element type: Pattern</p>
 <p>Origin/Insert pt</p>	 <p>Origin/Insert pt</p>	 <p>Origin/Insert pt</p>
<p>Geotechnical: USCS7 MH INORGANIC SILT HIGH LIQUID Element type: Pattern</p>	<p>Geotechnical: USCS8 ML INORGANIC SILT LOW LIQUID Element type: Pattern</p>	<p>Geotechnical: USCS9 OH ORGANIC CLAY OR SILT HIGH LIQUID Element type: Pattern</p>

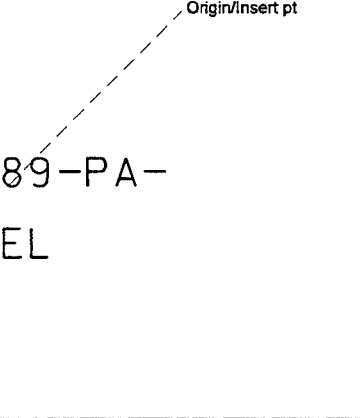
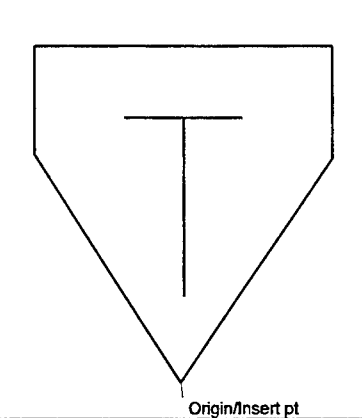
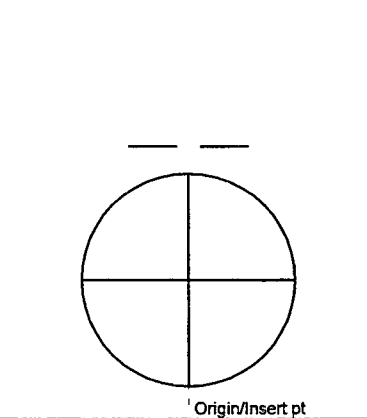
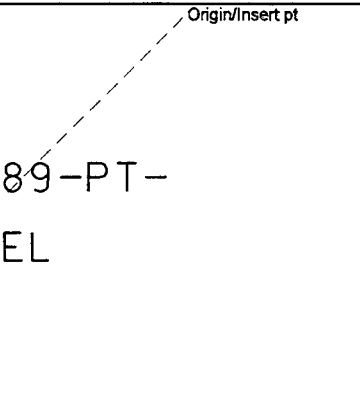
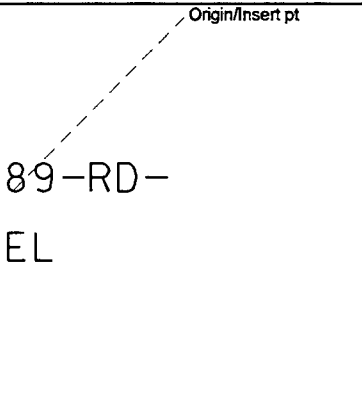
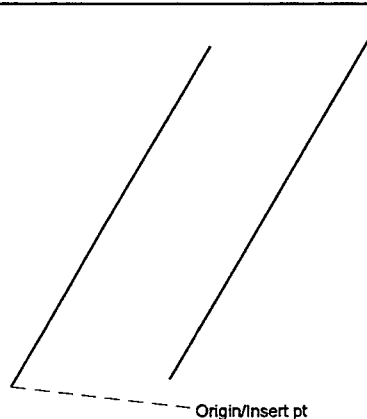
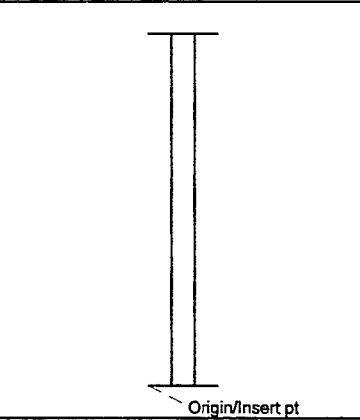
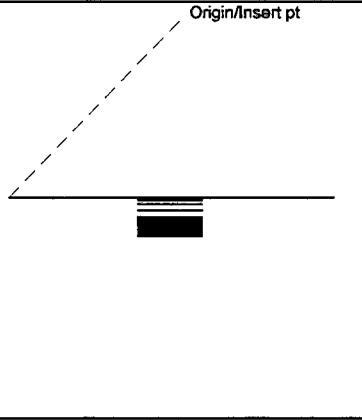
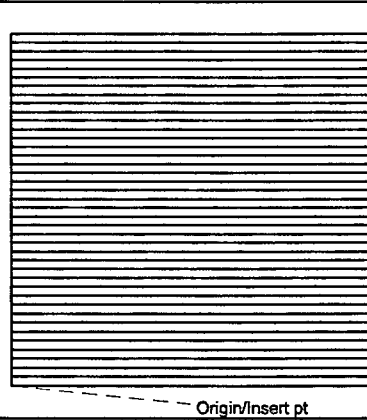
		
<p>Geotechnical: WOOD WOOD SYMBOL Element type: Pattern</p>	<p>Geotechnical: WSJNT WIDELY SPACED JOINTS Element type: Pattern</p>	<p>Geotechnical: ZONECL ZONES OF CORE LOSS Element type: Pattern</p>

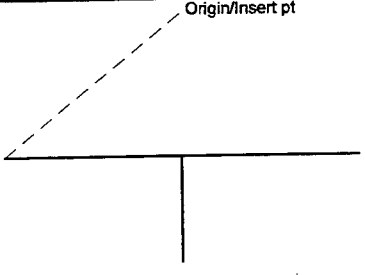
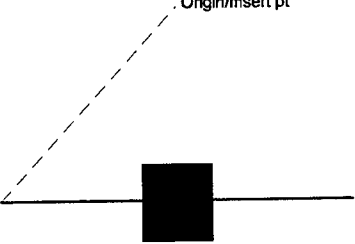
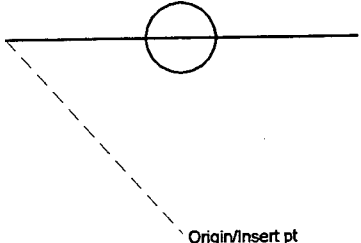
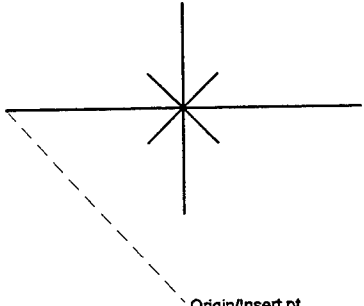
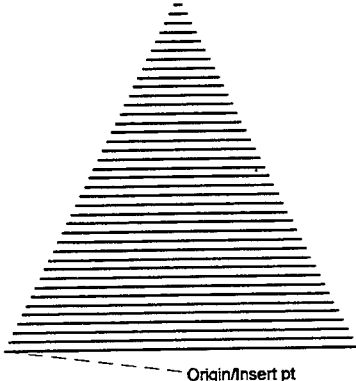
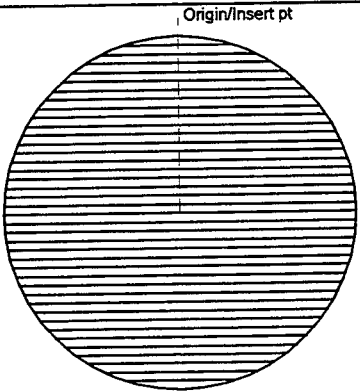
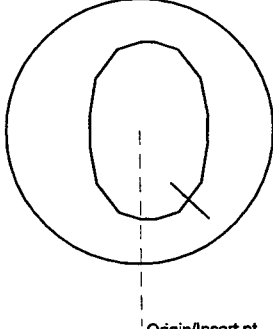
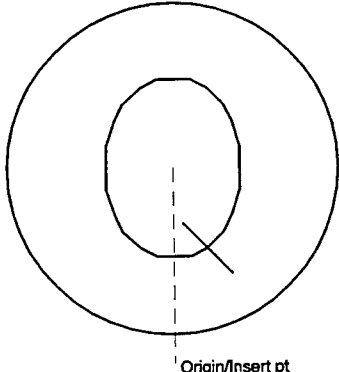
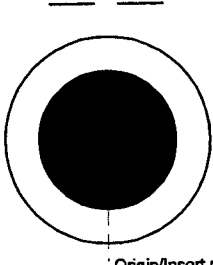
4 Geotechnical Symbols Library

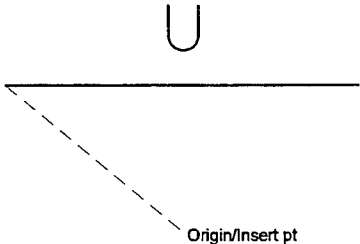
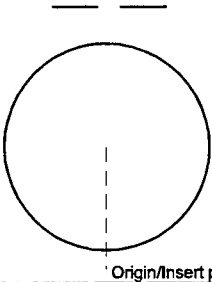
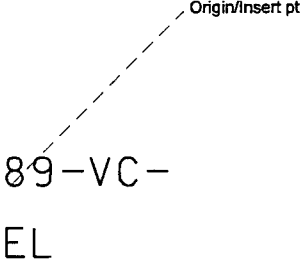
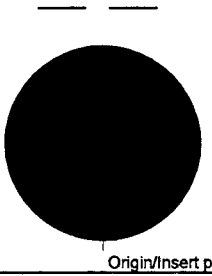
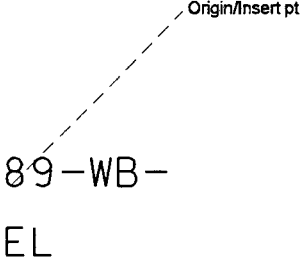
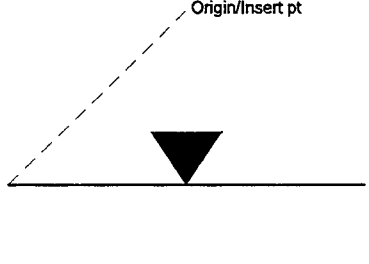
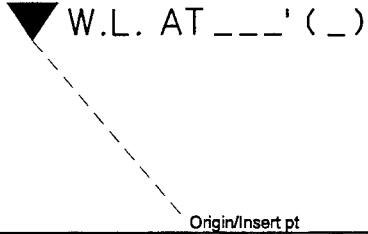
		
<p>Geotechnical: ANCHOL ANG CORED HOLE AR EQ D Element type: Symbol</p>	<p>Geotechnical: ANTICL ANTICLINE Element type: Symbol</p>	<p>Geotechnical: BHHNUM BACKHOE HOLE NUMBER Element type: Symbol</p>
		
<p>Geotechnical: BOLOGR BORING LOG REFUSAL Element type: Symbol</p>	<p>Geotechnical: CCHNUM CONCRETE CORE HOLE NO. Element type: Symbol</p>	<p>Geotechnical: CDRDSH CONSOL DRAINED DIR SHEAR Element type: Symbol</p>
		
<p>Geotechnical: CONDRA CONSOLIDATED DRAINED Element type: Symbol</p>	<p>Geotechnical: CONSOL CONSOLIDATION Element type: Symbol</p>	<p>Geotechnical: CONTST CONSOLIDATION TEST Element type: Symbol</p>

 <p>Origin/Insert pt</p>	 <p>Origin/Insert pt</p>	 <p>Origin/Insert pt</p>
<p>Geotechnical: CONUDR CONSOLIDATED UNDRAINED Element type: Symbol</p>	<p>Geotechnical: CPNHOL CONE PENETROMETER HOLE Element type: Symbol</p>	<p>Geotechnical: CUDRTT CONSOL UNDRND TRIAXIAL TEST Element type: Symbol</p>
 <p>Origin/Insert pt</p>	 <p>Origin/Insert pt</p>	 <p>Origin/Insert pt</p>
<p>Geotechnical: DSCHOL DRIVE SAMPLED SPT AND COR Element type: Symbol</p>	<p>Geotechnical: DSHOL DRIVE SAMPLE SPT HOLE Element type: Symbol</p>	<p>Geotechnical: FBLOCK1 FAULT BLOCK MOVEMENT 1 Element type: Symbol</p>
 <p>Origin/Insert pt</p>	 <p>Origin/Insert pt</p>	 <p>Origin/Insert pt</p>
<p>Geotechnical: FBLOCK2 FAULT BLOCK MOVEMENT 2 Element type: Symbol</p>	<p>Geotechnical: HAHNUM HAND AUGER HOLE NUMBER Element type: Symbol</p>	<p>Geotechnical: HANGF1 HIGH ANGLE FAULT 1 Element type: Symbol</p>

		
<p>Geotechnical: HANGF2 HIGH ANGLE FAULT 2 Element type: Symbol</p>	<p>Geotechnical: HDHNUM HAND DUG HOLE NUMBER Element type: Symbol</p>	<p>Geotechnical: HEXAGN HEXAGON SYMBOL Element type: Symbol</p>
		
<p>Geotechnical: HOLNUM HOLE NUMBER ELEVATION Element type: Symbol</p>	<p>Geotechnical: HRZBED HORIZONTAL BEDS Element type: Symbol</p>	<p>Geotechnical: MOISTC MOISTURE CONTENT Element type: Symbol</p>
		
<p>Geotechnical: NSAHOL NONSAMPLED AREA OF HOL Element type: Symbol</p>	<p>Geotechnical: OBSHOL PIEZOMETER OR OBSERVAT HOLE Element type: Symbol</p>	<p>Geotechnical: OPBLOG OPEN BORING LOG Element type: Symbol</p>





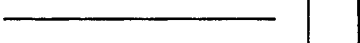

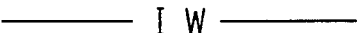


		
<p>Geotechnical: PAHNUM POWER AUGER HOLE NUMBER Element type: Symbol</p>	<p>Geotechnical: PIEZOM PIEZOMETER Element type: Symbol</p>	<p>Geotechnical: PROPEX PROPOSED EXPLORATION Element type: Symbol</p>
		
<p>Geotechnical: PTHNUM PERC TEST HOLE NUMBER Element type: Symbol</p>	<p>Geotechnical: RDHNUM ROTARY DRILL HOLE NUMBER Element type: Symbol</p>	<p>Geotechnical: RSLASH REFUSAL SLASHES Element type: Symbol</p>
		
<p>Geotechnical: SAMPLE SAMPLE Element type: Symbol</p>	<p>Geotechnical: SDIJNT STRIKE DIP OF INCLINED Element type: Symbol</p>	<p>Geotechnical: SQUARE SQUARE SYMBOL Element type: Symbol</p>



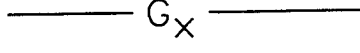




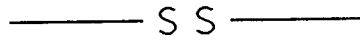

		
<p>Geotechnical: STRKDP STRIKE DIP Element type: Symbol</p>	<p>Geotechnical: STRKVJ STRIKE OF VERTICAL JOI Element type: Symbol</p>	<p>Geotechnical: STRKVP STRIKE W VERTICAL DIP Element type: Symbol</p>
		
<p>Geotechnical: SYNCLN SYNCLINE Element type: Symbol</p>	<p>Geotechnical: TRIANG TRIANGLE SYMBOL Element type: Symbol</p>	<p>Geotechnical: TSTHOL TEST HOLE SYMBOL Element type: Symbol</p>
		
<p>Geotechnical: UCONUD UNCONSOLIDATED UNDRAINED Element type: Symbol</p>	<p>Geotechnical: UCONUT UNCONSOL UNDRND TAXIAL TEST Element type: Symbol</p>	<p>Geotechnical: UDENIS UNDISTURBED DENIS OR PUSH Element type: Symbol</p>





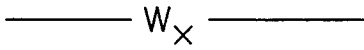
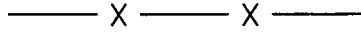
		
<p>Geotechnical: ULIMIT UNSATISFACTORY LIMIT Element type: Symbol</p>	<p>Geotechnical: VCHOL VERTICAL CORE HOLE Element type: Symbol</p>	<p>Geotechnical: VHNUM VIBRACORE HOLE NUMBER Element type: Symbol</p>
		
<p>Geotechnical: WASHBR WASHBORED Element type: Symbol</p>	<p>Geotechnical: WBHNUM WASH BORING HOLE NUMBER Element type: Symbol</p>	<p>Geotechnical: WLEVDL WATER LEVEL DATA LEFT Element type: Symbol</p>
 <p>Geotechnical: WTRLEV WATER LEVEL Element type: Symbol</p>		

5 Civil Lines Library

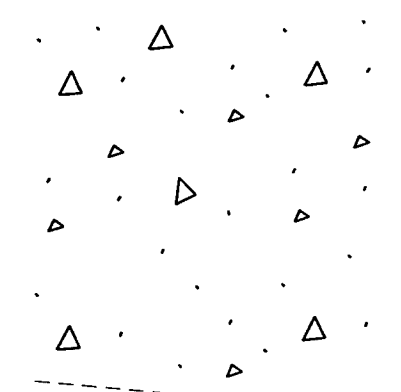
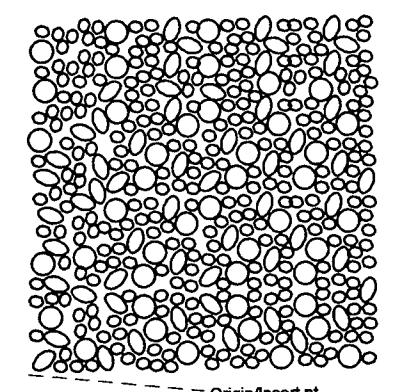
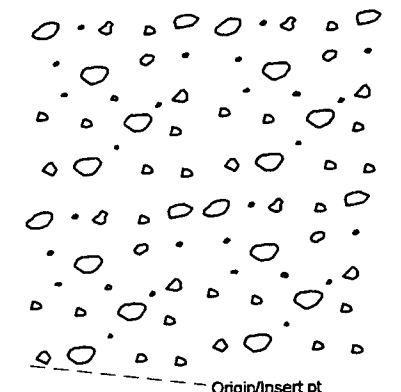
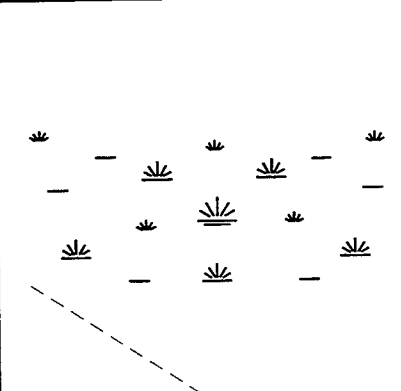
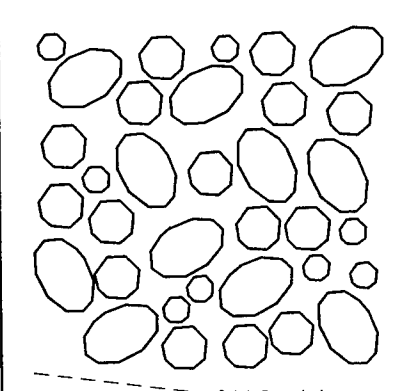
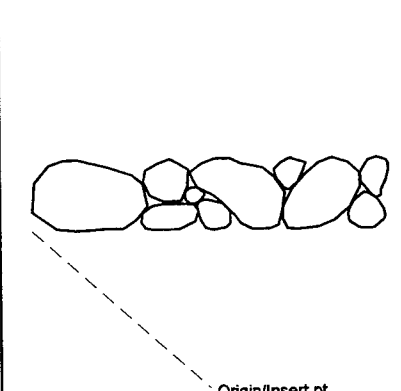
Civil: BARDIT DITCH BARRIER Element type: Line	Civil: BARDTB DITCH AND BEAM BARRIER Element type: Line	Civil: BARGEN GENERIC SECURITY BARRIER Element type: Line
Civil: BARMAS SECURITY MASONRY BARRIER Element type: Line	Civil: CONLMT CONSTRUCTION LIMIT Element type: Line	Civil: CULVRT CULVERT PIPE Element type: Line
Civil: DITCH DITCH LINE Element type: Line	Civil: FENCE FENCE Element type: Line	Civil: FIRE FIRE PROTECTION WATR SUPPLY Element type: Line

		
Civil:FUELOR FUEL OIL RETURN Element type: Line	Civil:FUELOS FUEL OIL SUPPLY Element type: Line	Civil:FUELOV FUEL OIL TANK VENT Element type: Line
		
Civil:GOVTKL GOVERNMENT TAKING LINE Element type: Line	Civil:GUARD GUARD RAIL Element type: Line	Civil:INDXDC INDEX DEPTH CONTOUR Element type: Line
		
Civil:IWASTE INDUSTRIAL WASTE Element type: Line	Civil:LIQPET LIQUID PETROLEUM GAS Element type: Line	Civil:MINRDC MINOR DEPTH CONTOUR Element type: Line

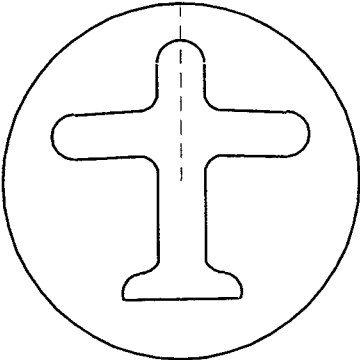
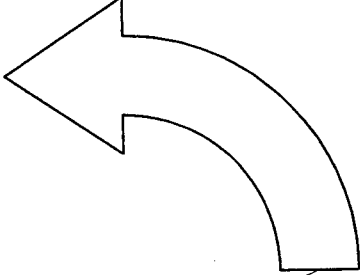
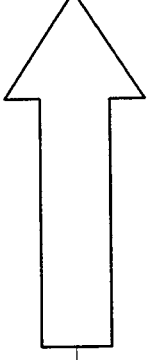
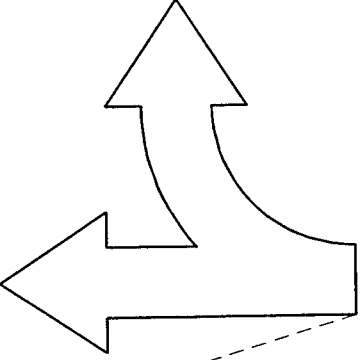
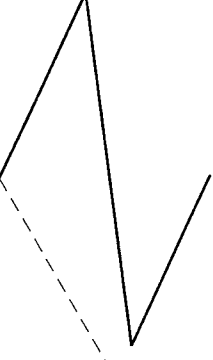
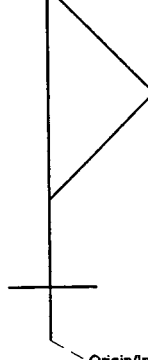
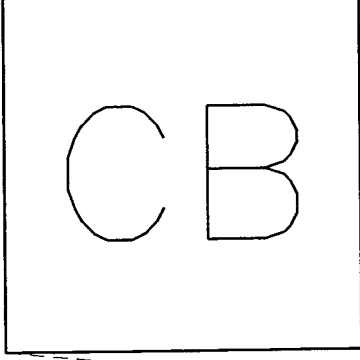
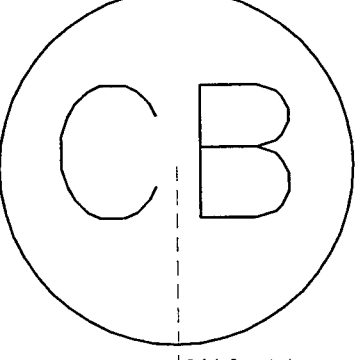
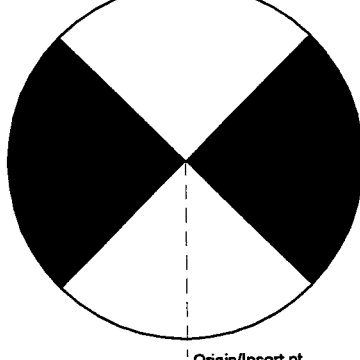
		
Civil:NONPOT NONPOTABLE WATER Element type: Line	Civil:NTGASN NATURAL GAS Element type: Line	Civil:NTGASX EXIST NATURAL GAS Element type: Line
		
Civil:PROJBL PROJECT BOUNDARY LINE Element type: Line	Civil:PROPL PROPERTY LINE Element type: Line	Civil:RAILRD RAILROAD Element type: Line
		
Civil:RTOFWY RIGHT OF WAY Element type: Line	Civil:SSWAF SANITARY SEWER Element type: Line	Civil:SSWAFX EXISTING SANITARY SEWER Element type: Line

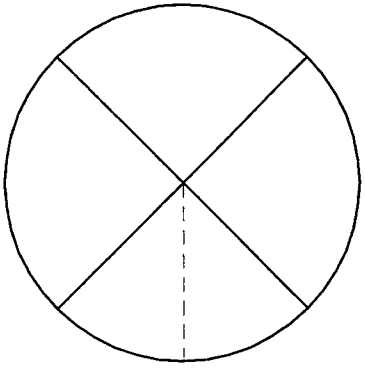
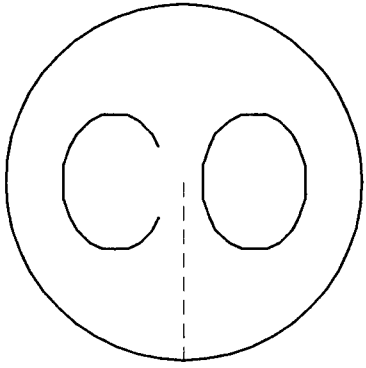



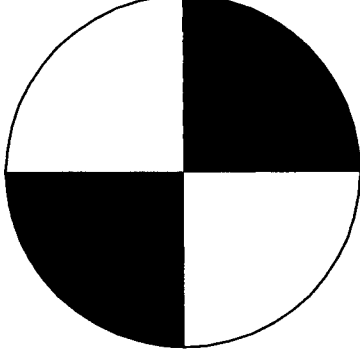
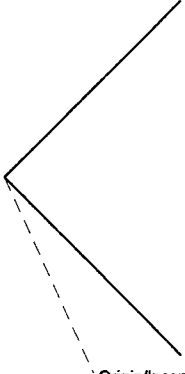

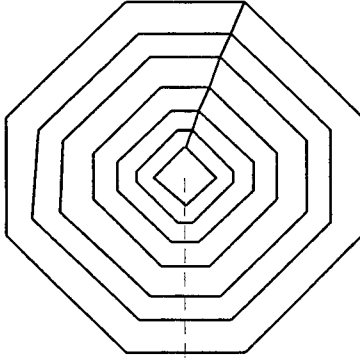
		
Civil:STRAF STORM DRAIN Element type: Line	Civil:STRAFX EXISTING STORM DRAIN Element type: Line	Civil:TREEL TREE LINE Element type: Line
		
Civil:WATERL WATER LINE Element type: Line	Civil:WATRX EXISTING WATER LINE Element type: Line	Civil:WWFBRC WELDED WIRE FABRIC Element type: Line

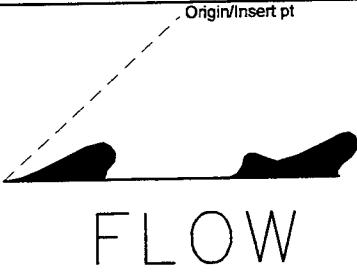
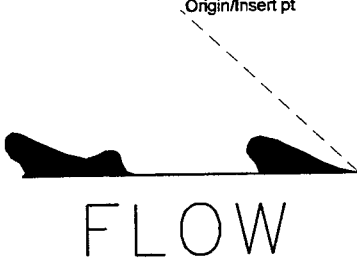
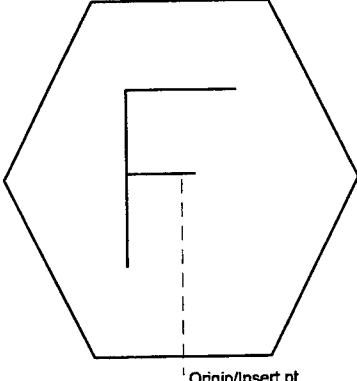
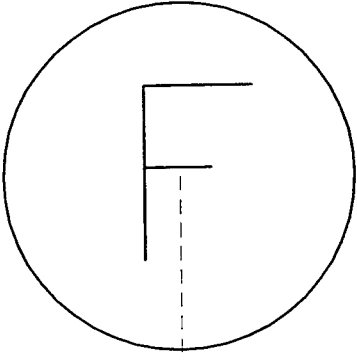
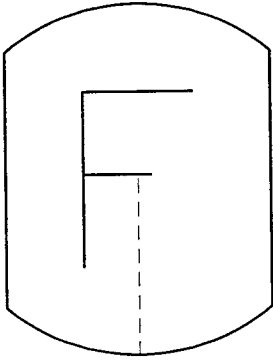
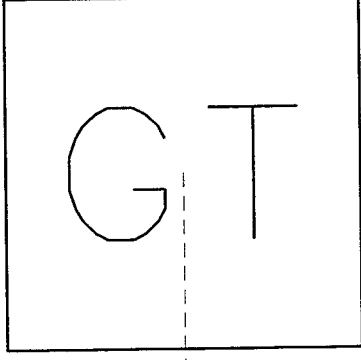
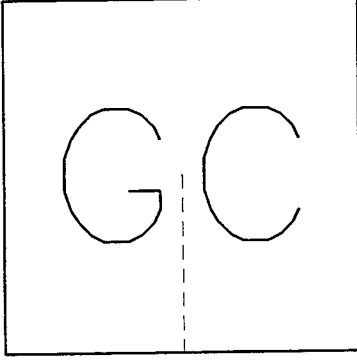
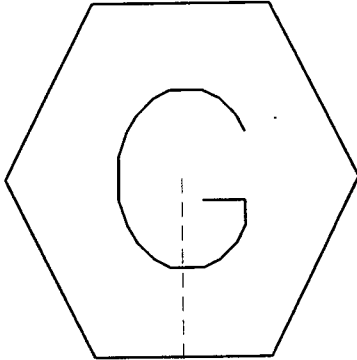
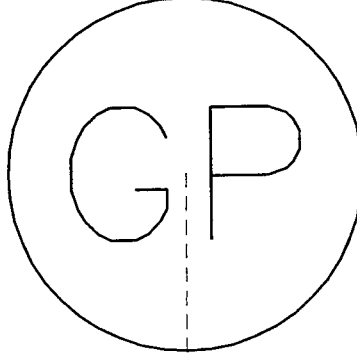
5 Civil Patterns Library

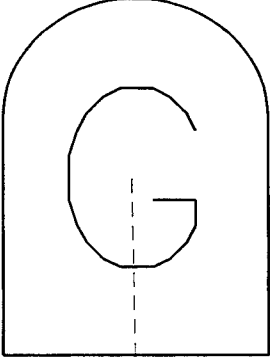
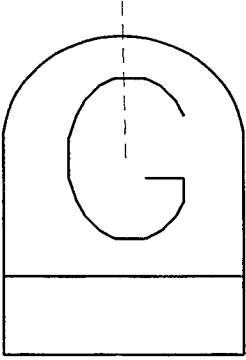
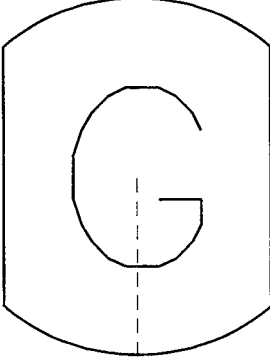
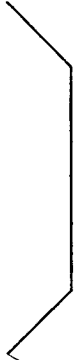
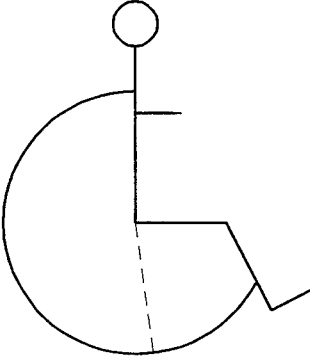
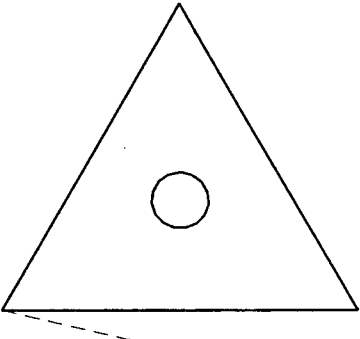
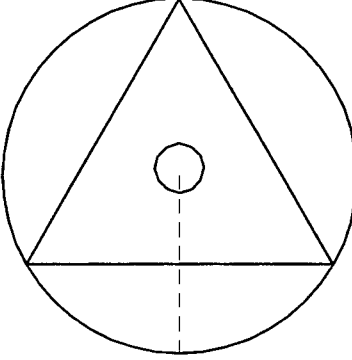
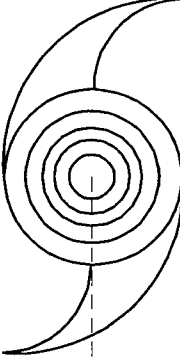
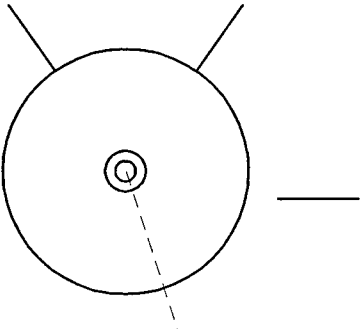
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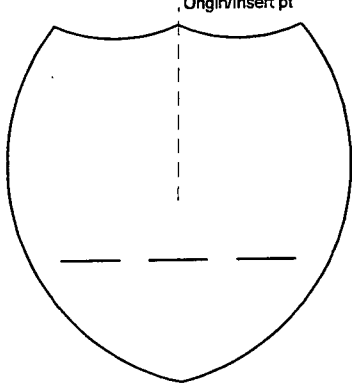
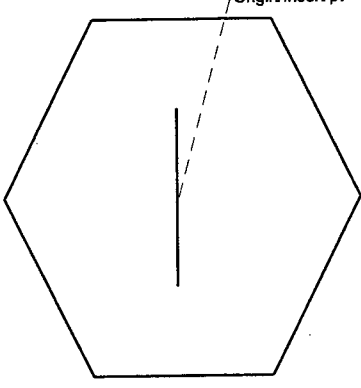
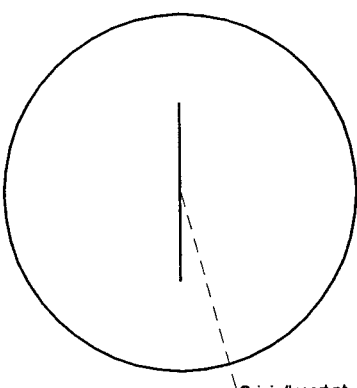
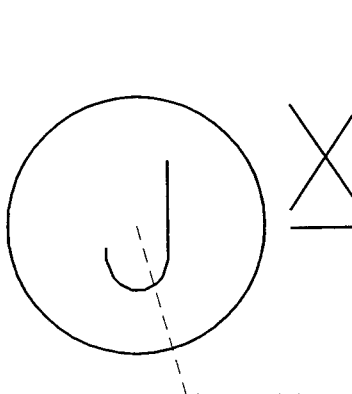
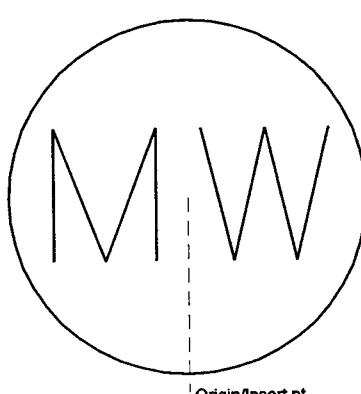
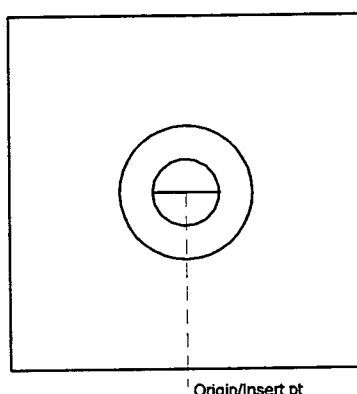
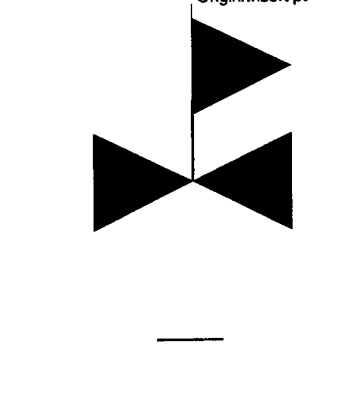
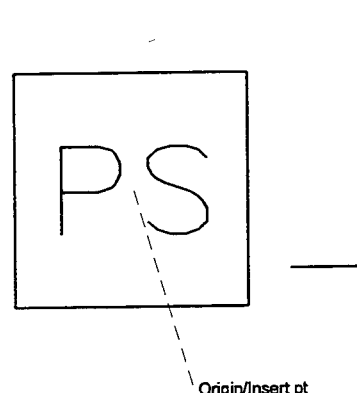
5 Civil Symbols Library

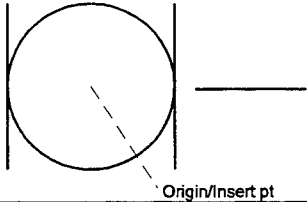
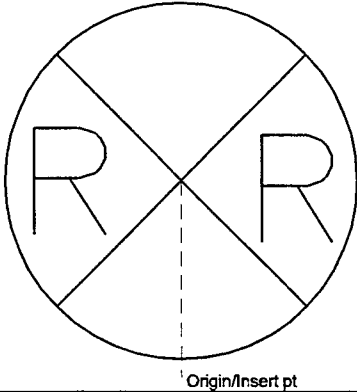
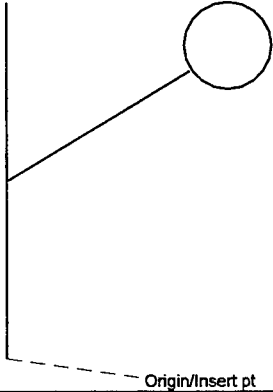
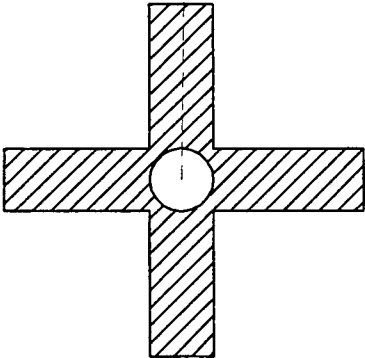
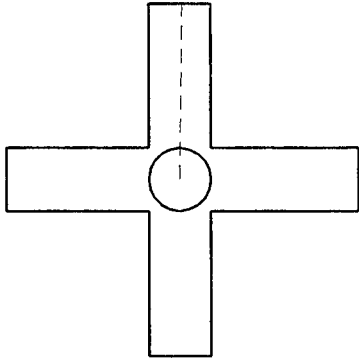
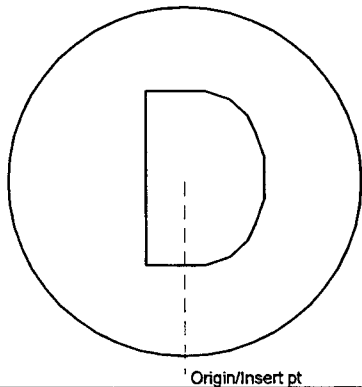
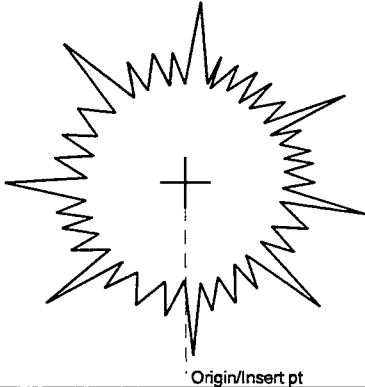
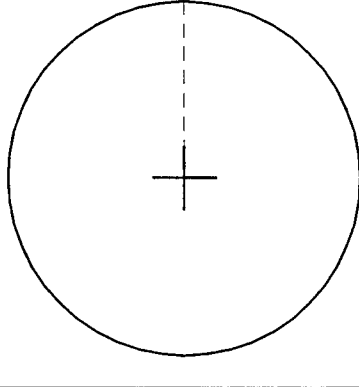
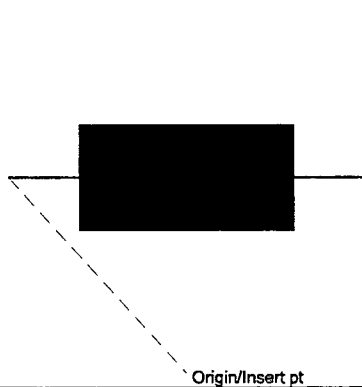
		
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<p>Civil: ARRST STRAIGHT AND TURN ARROW Element type: Symbol</p>	<p>Civil: BREAK BREAK LINE SYMBOL Element type: Symbol</p>	<p>Civil: BUOY BUOY Element type: Symbol</p>
		
<p>Civil: CATBSN CATCH BASIN Element type: Symbol</p>	<p>Civil: CATBSR ROUND CATCH BASIN Element type: Symbol</p>	<p>Civil: CDHDR CORE DRILL HOLE DRILLED Element type: Symbol</p>

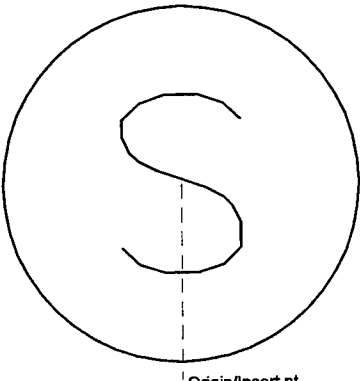
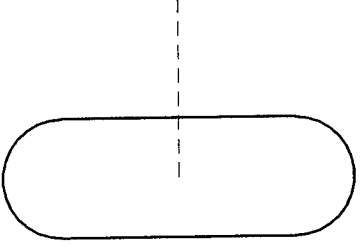
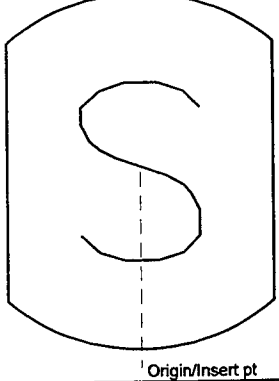
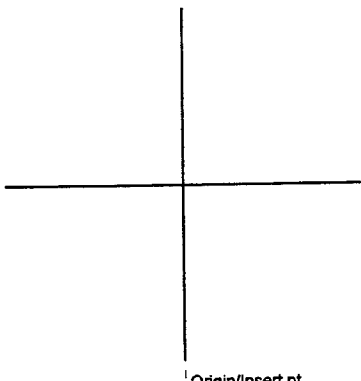
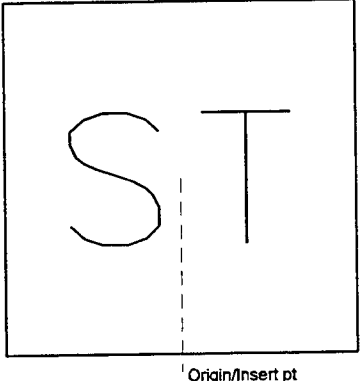
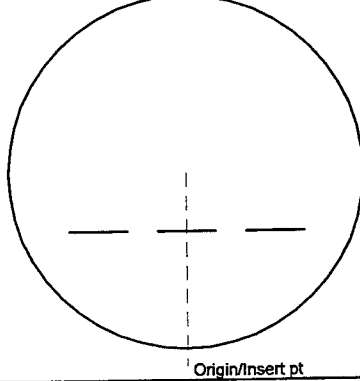
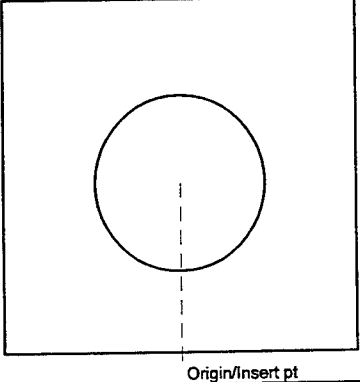
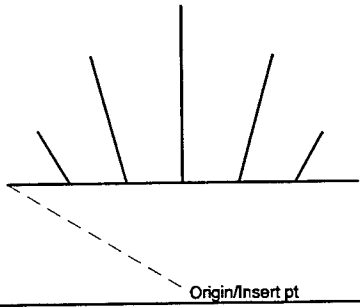
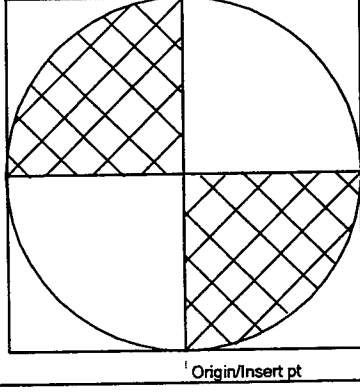
		
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<p>Civil:CNRSF CORNER SOLID FLAT Element type: Symbol</p>	<p>Civil:CNTLIN CENTERLINE SYMBOL Element type: Symbol</p>	<p>Civil:COGRAV CENTER OF GRAVITY SYMBOL Element type: Symbol</p>
		
<p>Civil:CULVEE CULVERT END SYMBOL Element type: Symbol</p>	<p>Civil:DBLARR DOUBLE ARROW TERMINATOR Element type: Symbol</p>	<p>Civil:DRLHOL DRILL HOLE Element type: Symbol</p>

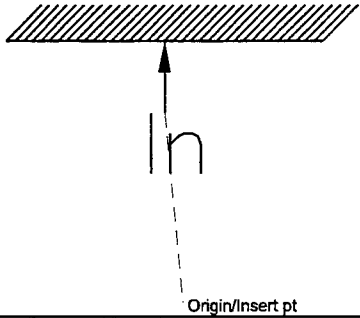
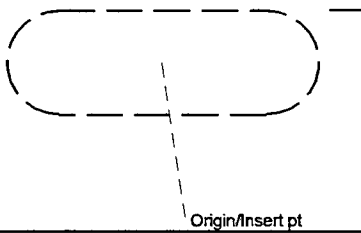
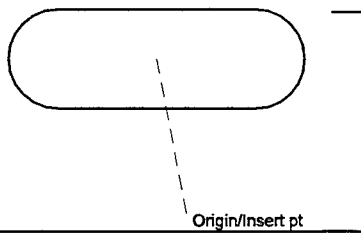
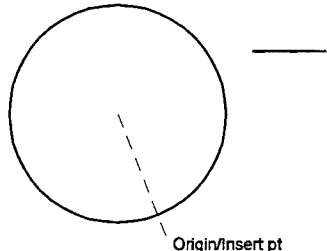
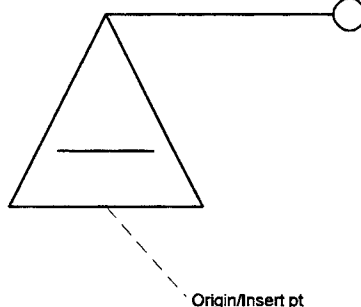
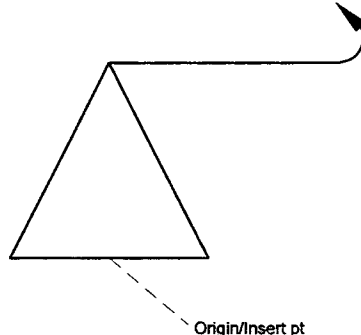
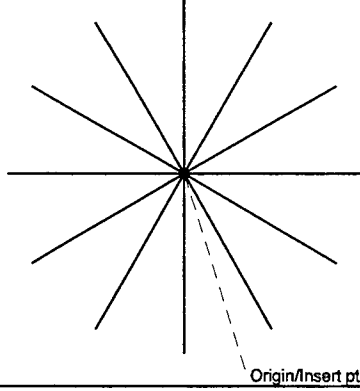
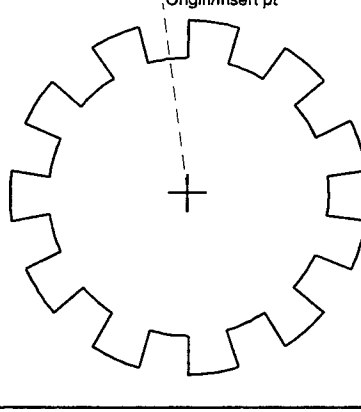
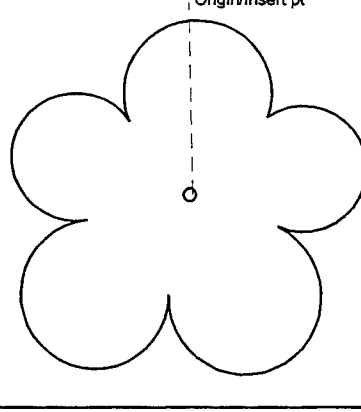
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 <p>Origin/Insert pt</p>	 <p>Origin/Insert pt</p>	 <p>Origin/Insert pt</p>
Civil: FOMHOL FUEL OIL MANHOLE Element type: Symbol	Civil: FOVALT FUEL OIL VAULT Element type: Symbol	Civil: GREASE GREASE TRAP Element type: Symbol
 <p>Origin/Insert pt</p>	 <p>Origin/Insert pt</p>	 <p>Origin/Insert pt</p>
Civil: GRITCH GRIT CHAMBER Element type: Symbol	Civil: GSMETR GAS METER Element type: Symbol	Civil: GSPLNT GAS PLANT Element type: Symbol

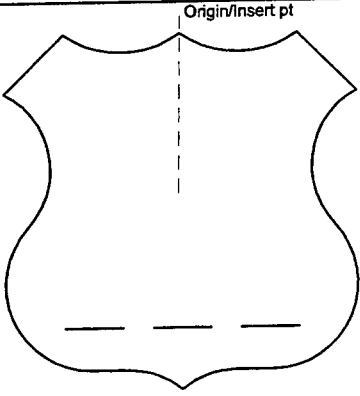
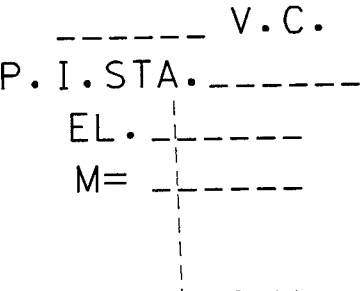
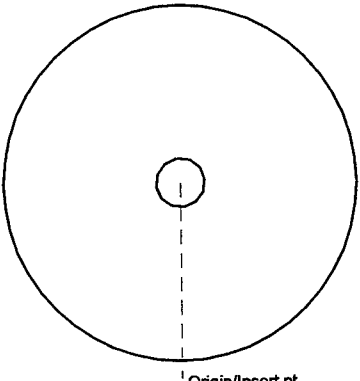
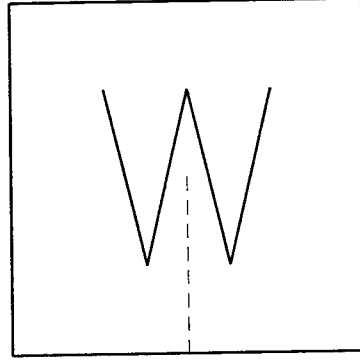
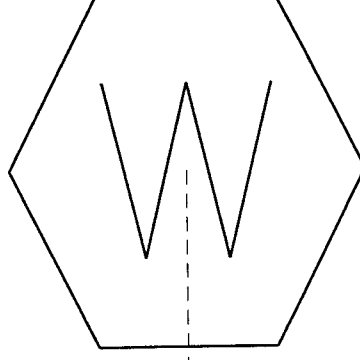
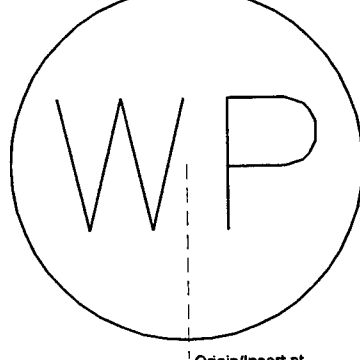
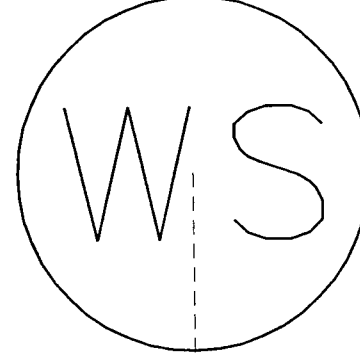
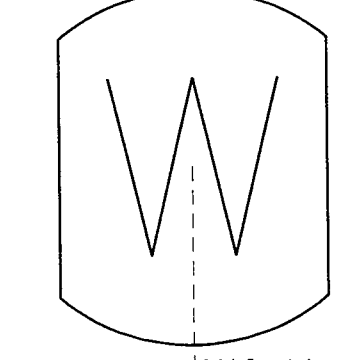
		
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<p>Civil:HEADWL HEADWALL Element type: Symbol</p>	<p>Civil:HNDCAP HANDICAP CHAIR SYMBOL Element type: Symbol</p>	<p>Civil:HORCPT HORIZONTAL CONTROL PT Element type: Symbol</p>
		
<p>Civil:HOVCPT HORIZ VERT CONTROL PT Element type: Symbol</p>	<p>Civil:HUREYE HURRICANE EYE Element type: Symbol</p>	<p>Civil:HYDRNT HYDRANT Element type: Symbol</p>

		
<p>Civil: INSHWY INTERSTATE HIGHWAY SYMBOL Element type: Symbol</p>	<p>Civil: IWMETR INDUSTRIAL WASTE WATR METER Element type: Symbol</p>	<p>Civil: IWMHOL INDUSTRIAL WASTE WATR MANHL Element type: Symbol</p>
		
<p>Civil: JNBX EXTERIOR UTIL JUNCTION BOX Element type: Symbol</p>	<p>Civil: MONWEL MONITORING WELL Element type: Symbol</p>	<p>Civil: PHOCPT PHOTO CONTROL POINT Element type: Symbol</p>
<p>P.I. = _____</p> <p>P.C. = _____</p> <p>P.T. = _____</p> <p>Δ = _____</p> <p>D = _____</p> <p>R = _____</p> <p>T = _____</p> <p>L = _____</p>		
<p>Civil: PIINFO PI INFORMATION Element type: Symbol</p>	<p>Civil: PIVALV POST INDICATOR VALVE Element type: Symbol</p>	<p>Civil: PMPSTA PUMP STATION Element type: Symbol</p>


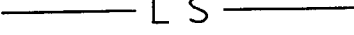

		
<p>Civil:RGVALV REGULATOR VALVE Element type: Symbol</p>	<p>Civil:RRSIGN RAIL SIGNAL Element type: Symbol</p>	<p>Civil:RRSWTC RAIL SWITCH Element type: Symbol</p>
		
<p>Civil:SCNRH SECTION CORNER HATCHED Element type: Symbol</p>	<p>Civil:SCNRO SECTION CORNER OPEN Element type: Symbol</p>	<p>Civil:SDMHOL STORM DRAINAGE MANHOLE Element type: Symbol</p>
		
<p>Civil:SHRUBC CONIFEROUS SHRUB Element type: Symbol</p>	<p>Civil:SHRUBD DECIDUOUS SHRUB Element type: Symbol</p>	<p>Civil:SIGN SIGN Element type: Symbol</p>

		
Civil: SNMHOL SANITARY MANHOLE Element type: Symbol	Civil: SNPVSL SANITARY PRESSURE VESSEL Element type: Symbol	Civil: SNVALT SANITARY VALVE VAULT Element type: Symbol
		
Civil: SPOTEL GROUND SPOT ELEVATION Element type: Symbol	Civil: SPTANK SEPTIC TANK Element type: Symbol	Civil: STHWY STATE HIGHWAY SYMBOL Element type: Symbol
		
Civil: STMPIT STEAM PIT Element type: Symbol	Civil: SWAMP SWAMP Element type: Symbol	Civil: TIDEG TIDE GAGE Element type: Symbol

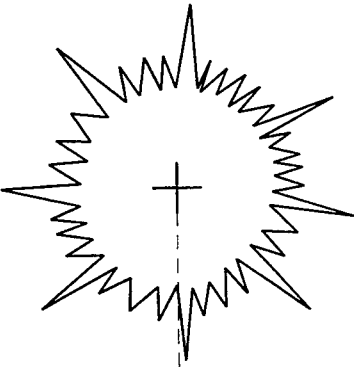
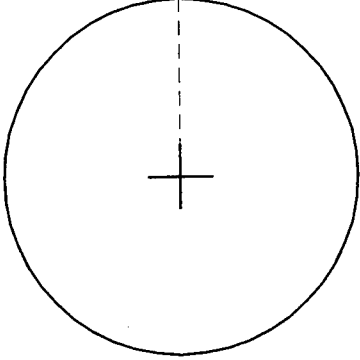
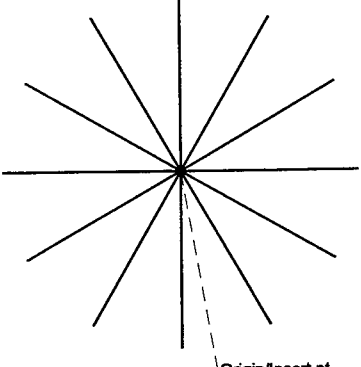
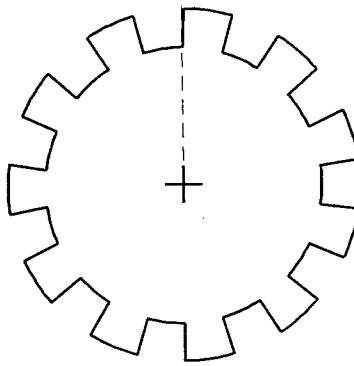
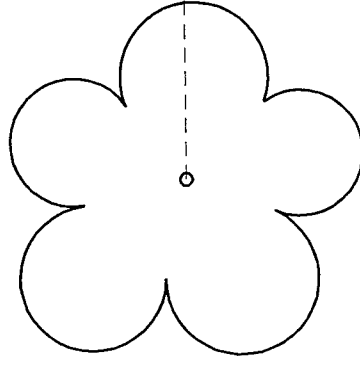
		
<p>Civil: TIRETR TIRE TREDDLE Element type: Symbol</p>	<p>Civil: TNKBG TANK BELOW GROUND Element type: Symbol</p>	<p>Civil: TNKHAG TANK HORIZ ABOVE GROUND Element type: Symbol</p>
		
<p>Civil: TNKVAG TANK VERTICAL ABOVE GROUND Element type: Symbol</p>	<p>Civil: TRACR TRAFFIC ARM WITH CARD READER Element type: Symbol</p>	<p>Civil: TRAMS TRAFFIC ARM MECHANICAL SWING Element type: Symbol</p>
		
<p>Civil: TREEC CONIFEROUS TREE Element type: Symbol</p>	<p>Civil: TREED DECIDUOUS TREE Element type: Symbol</p>	<p>Civil: TREEG GENERIC TREE Element type: Symbol</p>

 <p>Origin/Insert pt</p>	 <p>Origin/Insert pt</p>	 <p>Origin/Insert pt</p>
<p>Civil: USHWY US HIGHWAY SYMBOL Element type: Symbol</p>	<p>Civil: VCDATA VERTICAL CURVE DATA Element type: Symbol</p>	<p>Civil: VERCPT VERTICAL CONTROL POINT Element type: Symbol</p>
 <p>Origin/Insert pt</p>	 <p>Origin/Insert pt</p>	 <p>Origin/Insert pt</p>
<p>Civil: WAHHOL WATER HANDHOLE Element type: Symbol</p>	<p>Civil: WAMETR WATER METER Element type: Symbol</p>	<p>Civil: WAPLNT WATER PLANT Element type: Symbol</p>
 <p>Origin/Insert pt</p>	 <p>Origin/Insert pt</p>	
<p>Civil: WASOFT WATER SOFTENER Element type: Symbol</p>	<p>Civil: WAVALT WATER VALVE VAULT Element type: Symbol</p>	









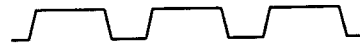
6 Landscape Lines Library

		
Landscape:FENCE FENCE Element type: Line	Landscape:LAWNSP LAWN SPRINKLER SUPPLY Element type: Line	Landscape:TREEL TREE LINE Element type: Line

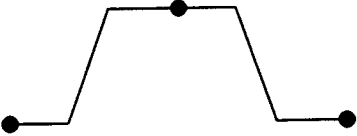
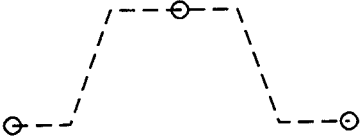
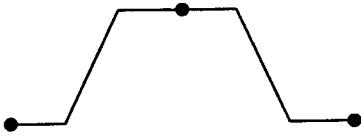
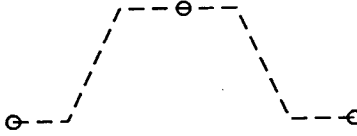
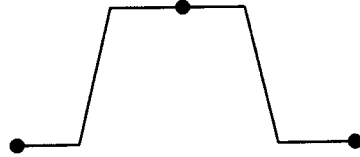
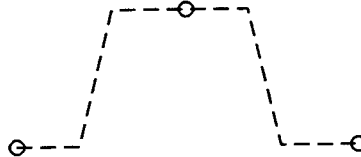



6 Landscape Symbols Library



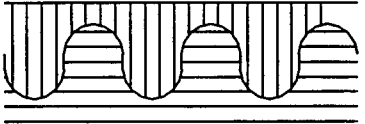


		
<p>Landscape: SHRUBC CONIFEROUS SHRUB Element type: Symbol</p>	<p>Landscape: SHRUBD DECIDUOUS SHRUB Element type: Symbol</p>	<p>Landscape: TREEC CONIFEROUS TREE Element type: Symbol</p>
		
<p>Landscape: TREED DECIDUOUS TREE Element type: Symbol</p>	<p>Landscape: TREEG GENERIC TREE Element type: Symbol</p>	

7 Structural Lines Library

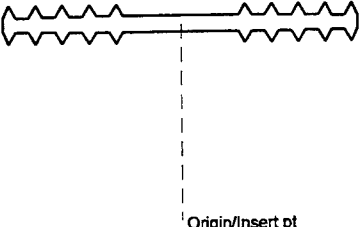
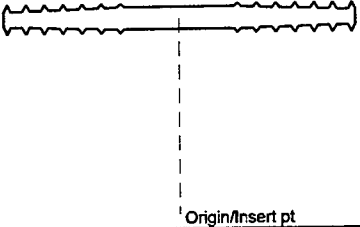
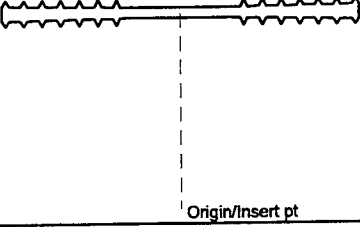
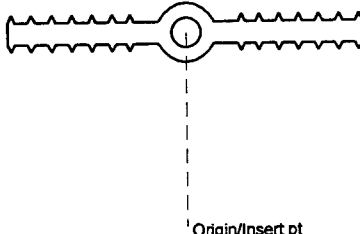
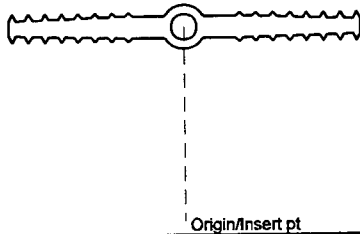
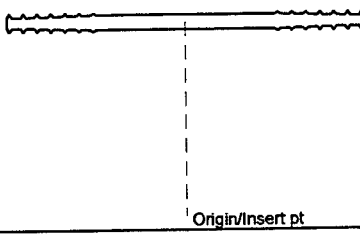
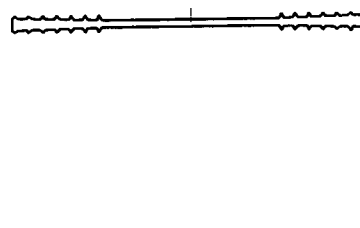
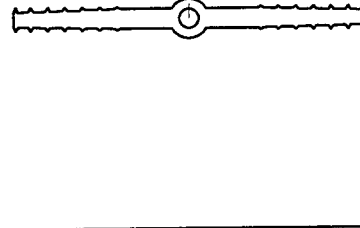
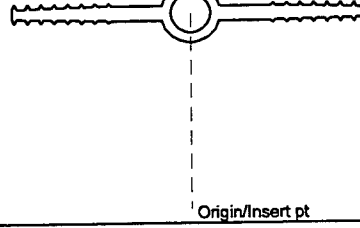
		
Structural:BERM BERM Element type: Line	Structural:CMP127 CMP 127MMX25MM OR 5IN X 1IN Element type: Line	Structural:CMP152 CMP 152MMX51MM OR 6IN X 2IN Element type: Line
		
Structural:CMP38 CMP38MMX6MM OR 1.5INX.25IN Element type: Line	Structural:CMP51 CMP51MMX13MM OR 2IN X .5IN Element type: Line	Structural:CMP68 CMP68MMX13MM OR 2.7INX.5IN Element type: Line
		
Structural:CMP76 CMP76MMX25MM OR 3IN X 1IN Element type: Line	Structural:DECKCR CORRUGATED METAL DECK Element type: Line	Structural:DECKFL METAL DECK FLOOR Element type: Line

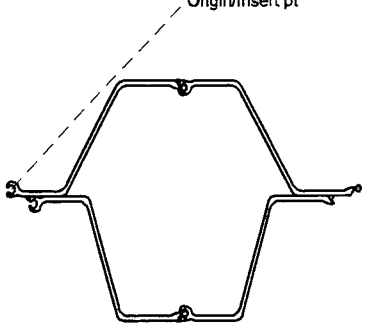
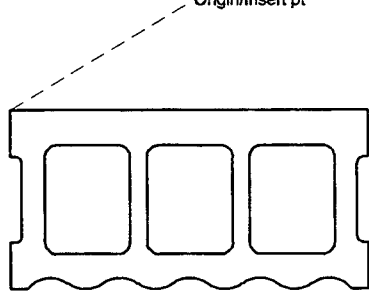
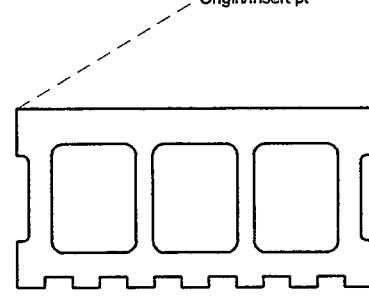
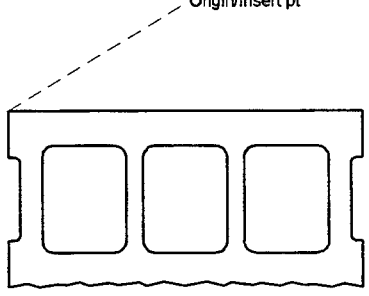
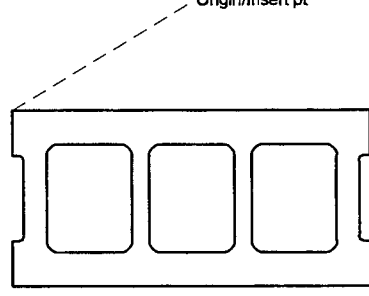
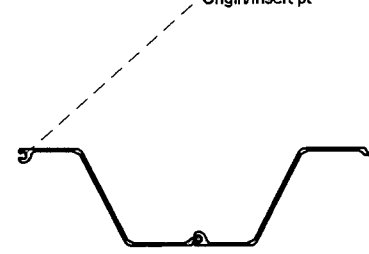
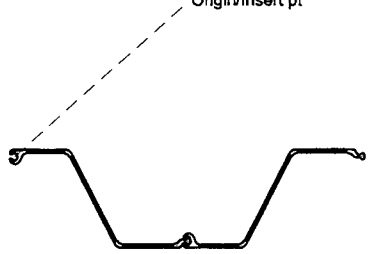
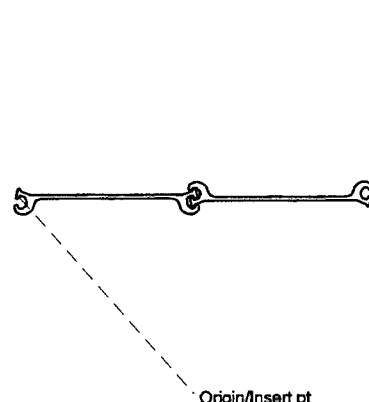
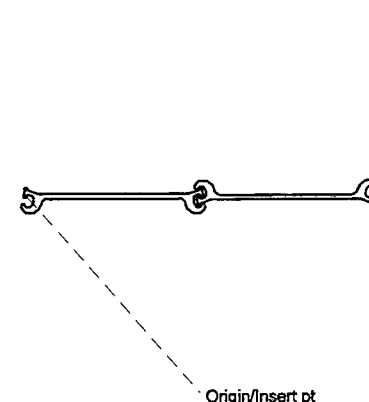
Structural:DECKRF METAL DECK ROOF Element type: Line	Structural:GROUND GROUND Element type: Line	Structural:INTRLK INTERLOCK SLOPE PROTECTION Element type: Line
Structural:PS31 PS31 SHEET PILE Element type: Line	Structural:PS31H PS31 SHEET PILE HIDDEN Element type: Line	Structural:PSA23 PSA23 SHEET PILE Element type: Line
Structural:PSA23H PSA23 SHEET PILE HIDDEN Element type: Line	Structural:PZ22 PZ22 SHEET PILE Element type: Line	Structural:PZ22H PZ22 SHEET PILE HIDDEN Element type: Line

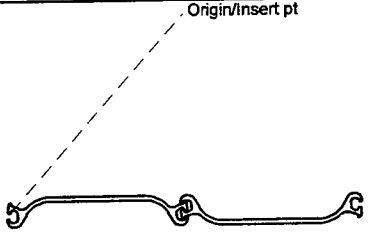
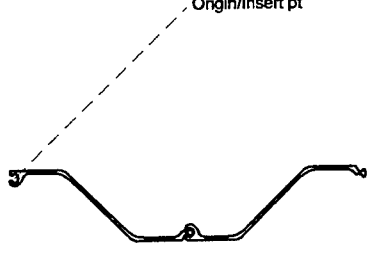
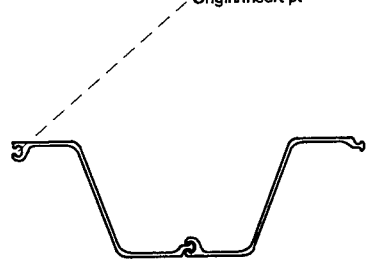
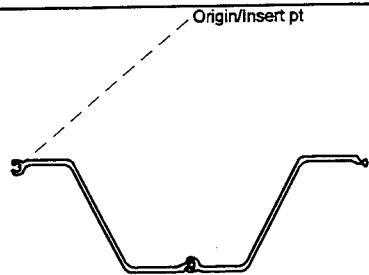
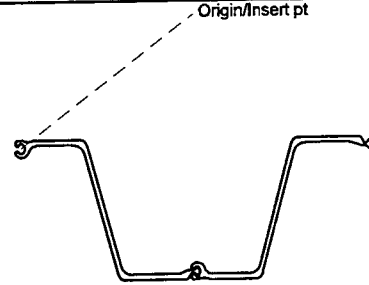
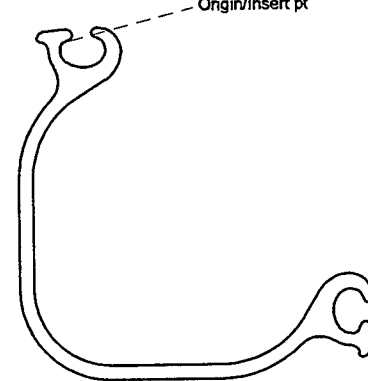
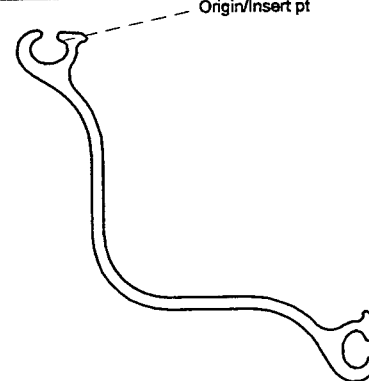
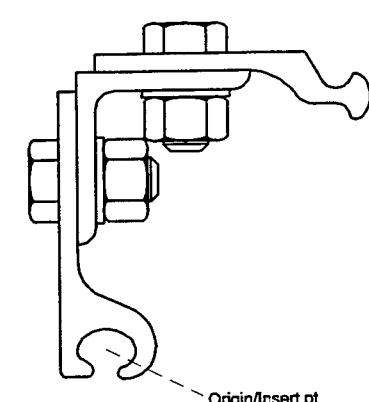
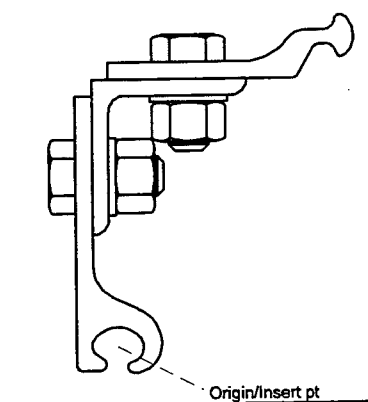
		
Structural:PZ27 PZ27 SHEET PILE Element type: Line	Structural:PZ27H PZ27 SHEET PILE HIDDEN Element type: Line	Structural:PZ35 PZ35 SHEET PILE Element type: Line
		
Structural:PZ35H PZ35 SHEET PILE HIDDEN Element type: Line	Structural:PZ40 PZ40 SHEET PILE Element type: Line	Structural:PZ40H PZ40 SHEET PILE HIDDEN Element type: Line
		
Structural:REBR12 REBAR AT 12IN Element type: Line	Structural:REBR18 REBAR AT 18IN Element type: Line	Structural:REBR6 REBAR AT 6IN Element type: Line

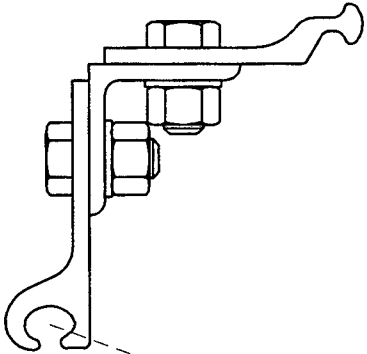
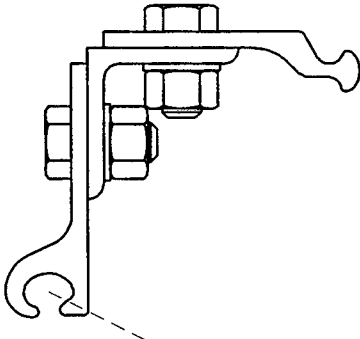
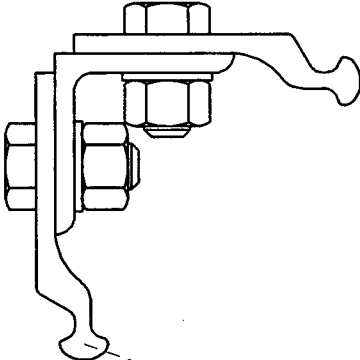
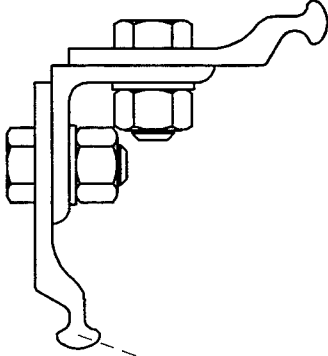
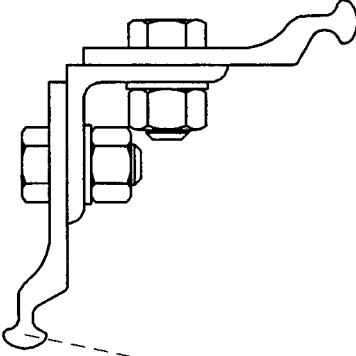
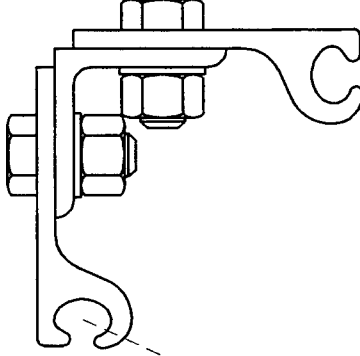
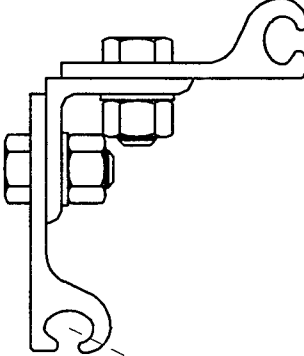
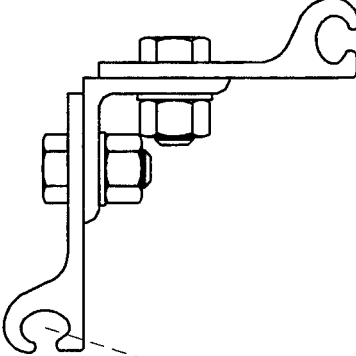
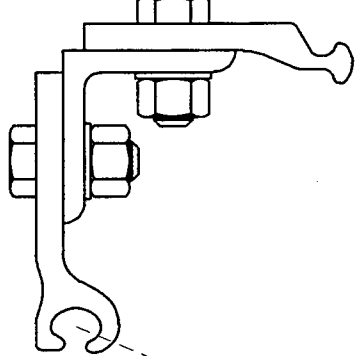
		
Structural:REBR9 REBAR AT 9IN Element type: Line	Structural:RIPPLN RIPRAP PLAN VIEW Element type: Line	Structural:ROCK ROCK Element type: Line
		
Structural:SHORLN SHORE LINE Element type: Line	Structural:WWFBRC WELDED WIRE FABRIC Element type: Line	

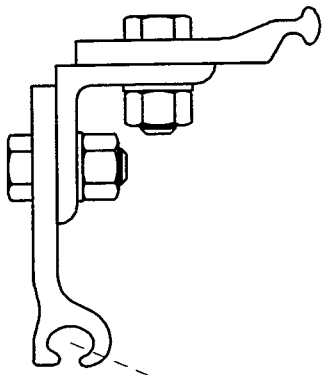
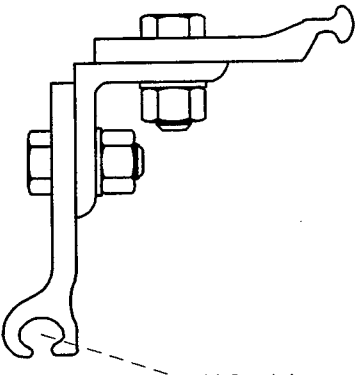
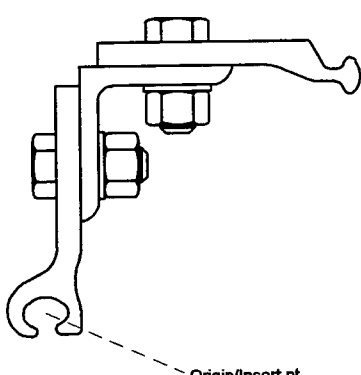
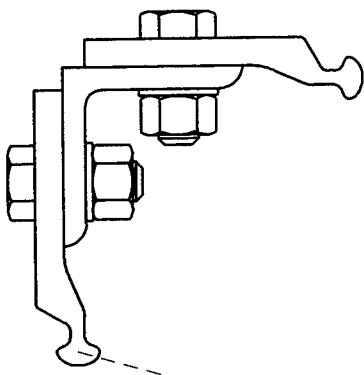
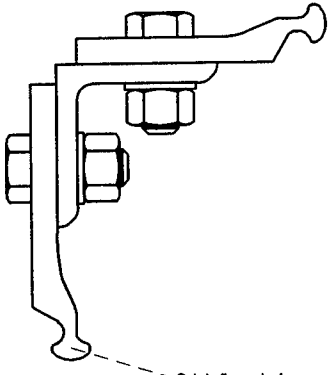
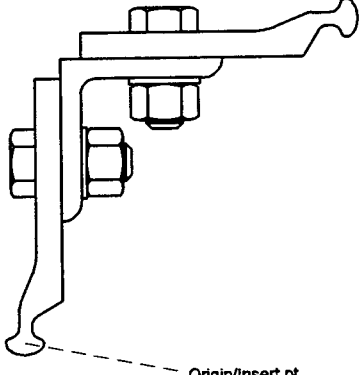
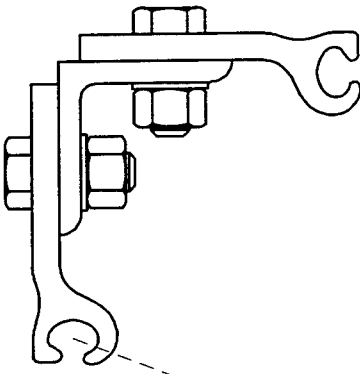
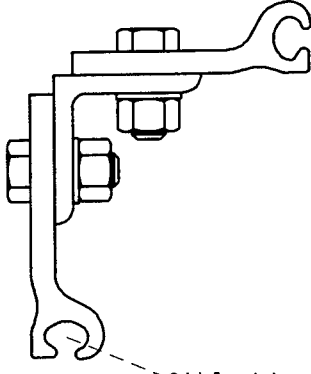
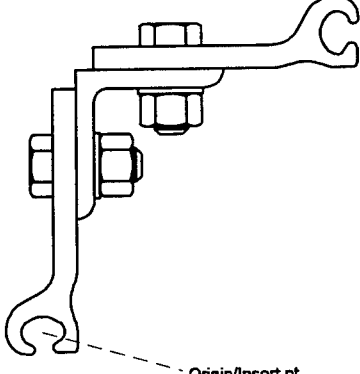
7 Structural Objects Library

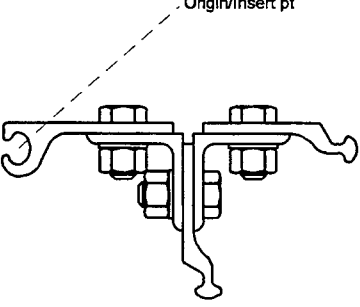
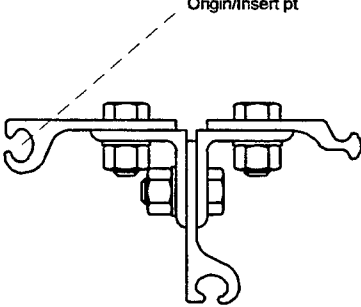
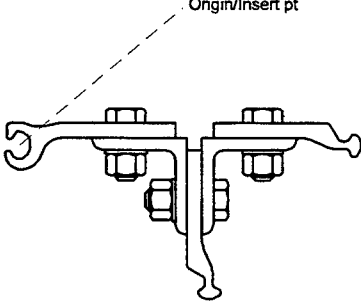
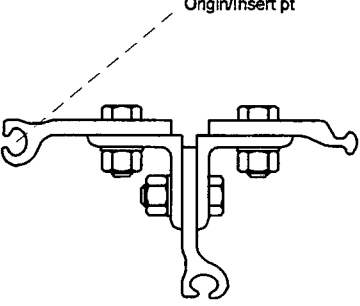
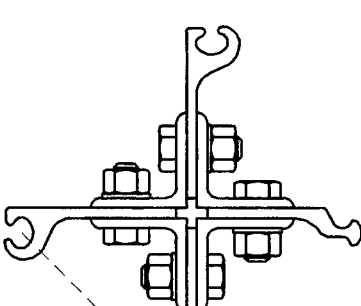
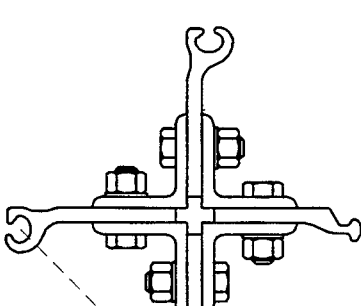
		
<p>Structural:4FRB 4 IN FLAT RIBBED Element type: Object</p>	<p>Structural:6FRBHD 6 IN FLAT RIBBED HVY DTY Element type: Object</p>	<p>Structural:6FRBLW 6 IN FLAT RIBBED LT WT Element type: Object</p>
		
<p>Structural:6RCBHD 6 IN RIB W CTR BULB HVY DTY Element type: Object</p>	<p>Structural:6RCBLW 6 IN RIB W CTR BULB LT WT Element type: Object</p>	<p>Structural:9FLBHD 9 IN FLAT RIBBED HVY DTY Element type: Object</p>
		
<p>Structural:9FRBLW 9 IN FLAT RIBBED LT WT Element type: Object</p>	<p>Structural:9RCBHD 9 IN RIB W CTR BULB HVY DTY Element type: Object</p>	<p>Structural:9RCBLW 9 IN RIB W CTR BULB LT WT Element type: Object</p>

		
<p>Structural:BOX BOX PILE Element type: Object</p>	<p>Structural:CMUFL FLUTED CONC BLK 8X8X16 Element type: Object</p>	<p>Structural:CMURIB RIBBED CONC BLK 8X8X16 Element type: Object</p>
		
<p>Structural:CMUSF SPLIT FACE CONC BLK 8X8X16 Element type: Object</p>	<p>Structural:CMUSTR CONC BLOCK 8X8X16 STR. Element type: Object</p>	<p>Structural:PLZ23 PLZ23 SHEET PILING Element type: Object</p>
		
<p>Structural:PLZ25 PLZ25 SHEET PILING Element type: Object</p>	<p>Structural:PS27.5 PS27.5 SHEET PILE Element type: Object</p>	<p>Structural:PS31 PS31 SHEET PILE Element type: Object</p>

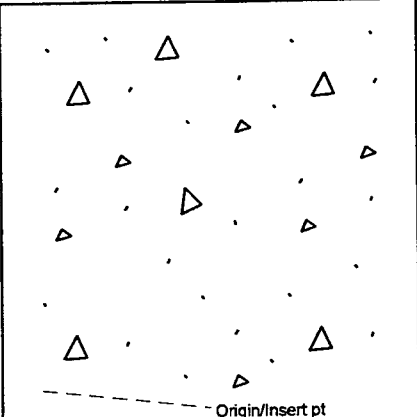
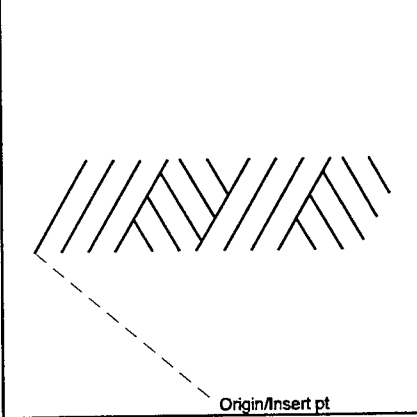
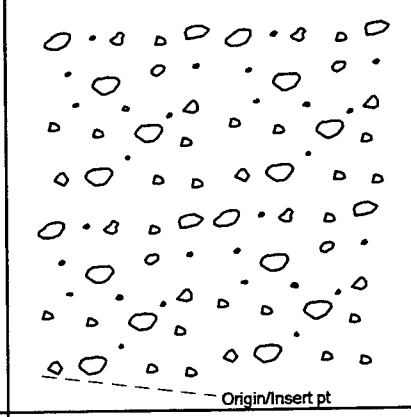
		
Structural: PSA23 PSA23 SHEET PILE Element type: Object	Structural: PZ22 PZ22 SHEET PILE Element type: Object	Structural: PZ27 PZ27 SHEET PILE Element type: Object
		
Structural: PZ35 PZ35 SHEET PILE Element type: Object	Structural: PZ40 PZ40 SHEET PILE Element type: Object	Structural: RC230 RC230 SHEET PILE CONNECTION Element type: Object
		
Structural: RC231 RC231 SHEET PILE CONNECTION Element type: Object	Structural: ZC270 PZ22 PZ27 L CONNECTION Element type: Object	Structural: ZC271 PZ22 PZ27 L CONNECTION Element type: Object

		
<p>Structural:ZC272 PZ22 PZ27 L CONNECTION Element type: Object</p>	<p>Structural:ZC273 PZ22 PZ27 L CONNECTION Element type: Object</p>	<p>Structural:ZC274 PZ22 PZ27 L CONNECTION Element type: Object</p>
		
<p>Structural:ZC275 PZ22 PZ27 L CONNECTION Element type: Object</p>	<p>Structural:ZC276 PZ22 PZ27 L CONNECTION Element type: Object</p>	<p>Structural:ZC277 PZ22 PZ27 L CONNECTION Element type: Object</p>
		
<p>Structural:ZC278 PZ22 PZ27 L CONNECTION Element type: Object</p>	<p>Structural:ZC279 PZ22 PZ27 L CONNECTION Element type: Object</p>	<p>Structural:ZC350 PZ35 PZ40 L CONNECTION Element type: Object</p>

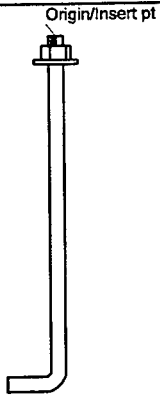

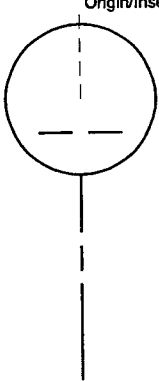
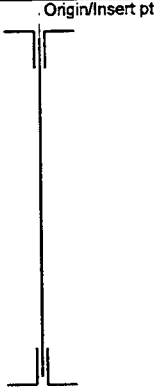
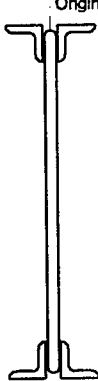
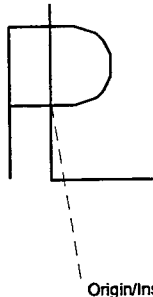
		
Structural:ZC351 PZ35 PZ40 L CONNECTION Element type: Object	Structural:ZC352 PZ35 PZ40 L CONNECTION Element type: Object	Structural:ZC353 PZ35 PZ40 L CONNECTION Element type: Object
		
Structural:ZC354 PZ35 PZ40 L CONNECTION Element type: Object	Structural:ZC355 PZ35 PZ40 L CONNECTION Element type: Object	Structural:ZC356 PZ35 PZ40 L CONNECTION Element type: Object
		
Structural:ZC357 PZ35 PZ40 L CONNECTION Element type: Object	Structural:ZC358 PZ35 PZ40 L CONNECTION Element type: Object	Structural:ZC359 PZ35 PZ40 L CONNECTION Element type: Object

		
<p>Structural:ZT270 PZ22 PZ27 T CONNECTION Element type: Object</p>	<p>Structural:ZT271 PZ22 PZ27 T CONNECTION Element type: Object</p>	<p>Structural:ZT350 PZ35 PZ40 T CONNECTION Element type: Object</p>
		
<p>Structural:ZT351 PZ35 PZ40 T CONNECTION Element type: Object</p>	<p>Structural:ZX270 PZ22 PZ27 CROSS CONNECTION Element type: Object</p>	<p>Structural:ZX350 PZ35 PZ40 CROSS CONNECTION Element type: Object</p>

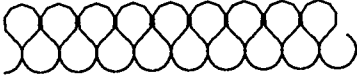
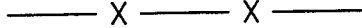
7 Structural Patterns Library

		
<p>Structural:CONCST CONCRETE STONE Element type: Pattern</p>	<p>Structural:EEARTH EXISTING EARTH Element type: Pattern</p>	<p>Structural:GRAVEL GRAVEL Element type: Pattern</p>

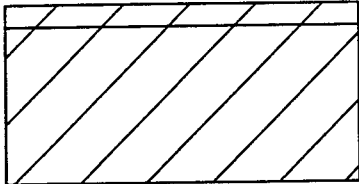
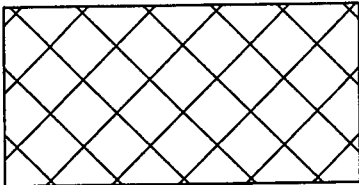
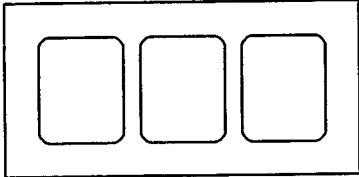
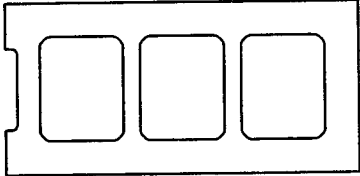
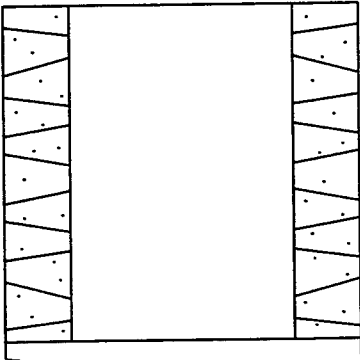
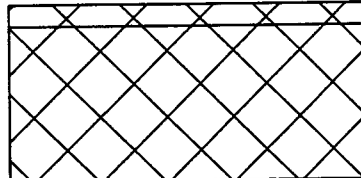
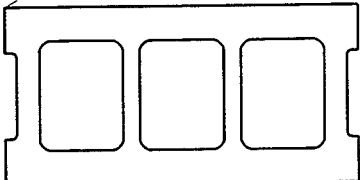
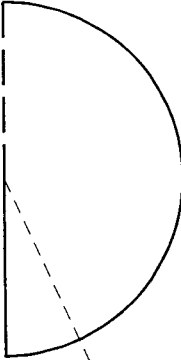
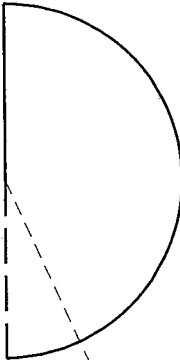
7 Structural Symbols Library

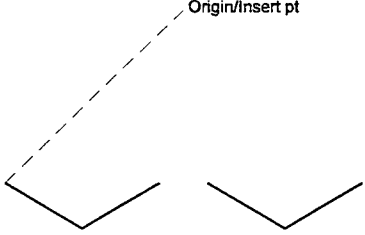
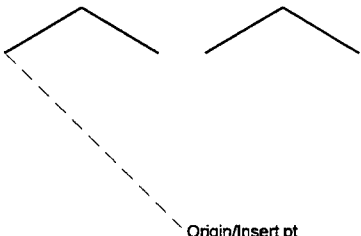
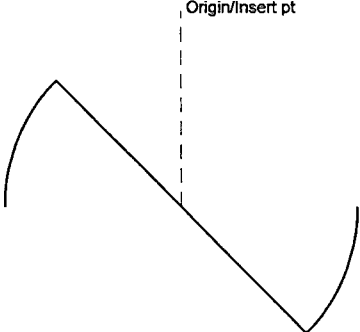
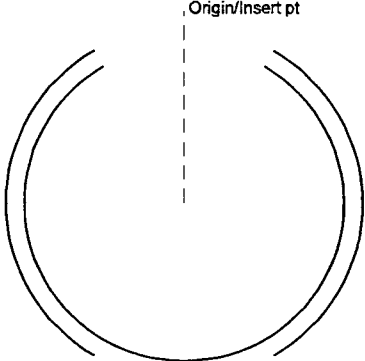
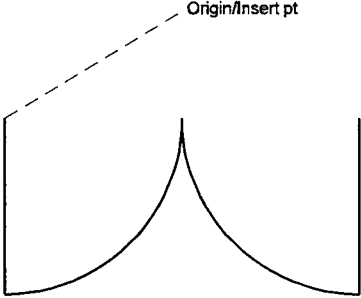
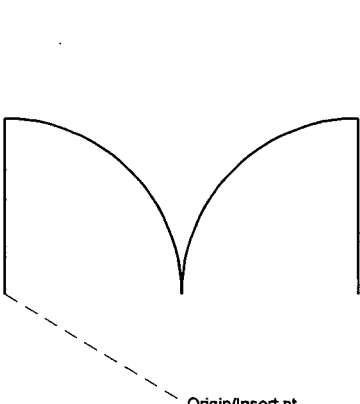
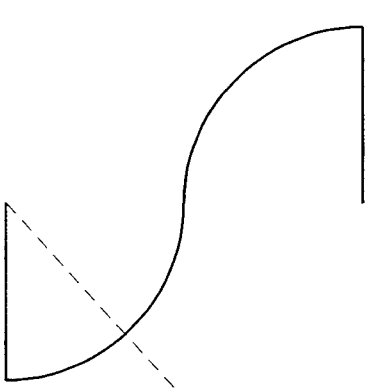
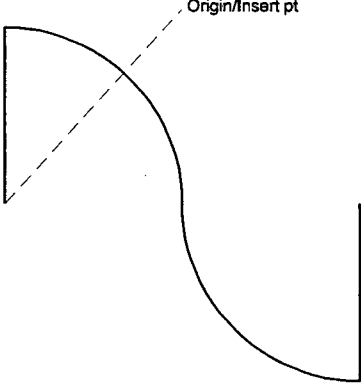
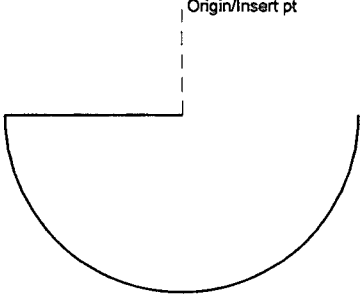
		
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<p>Structural:JSTBR1 JOIST BAR SINGLE LINE Element type: Symbol</p>	<p>Structural:JSTBR2 JOIST BAR DOUBLE LINE Element type: Symbol</p>	<p>Structural:PLATE PLATE SYMBOL Element type: Symbol</p>

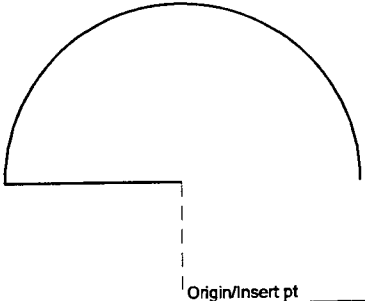
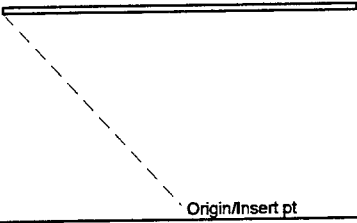
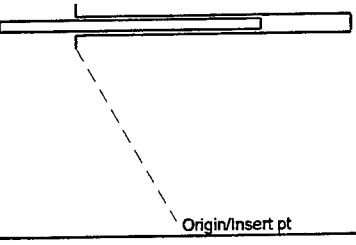
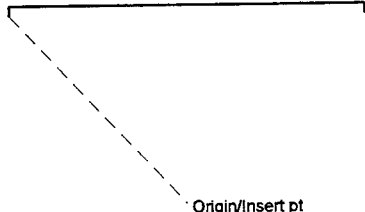
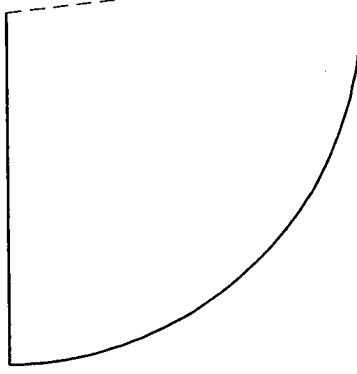
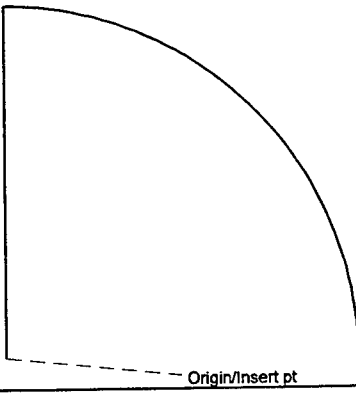
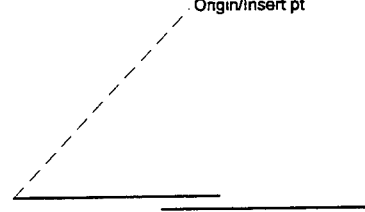
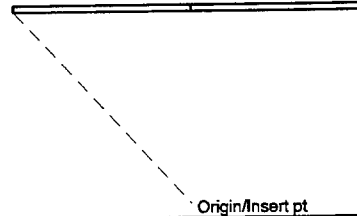
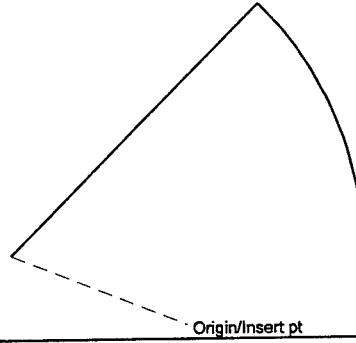
8 Architectural Lines Library

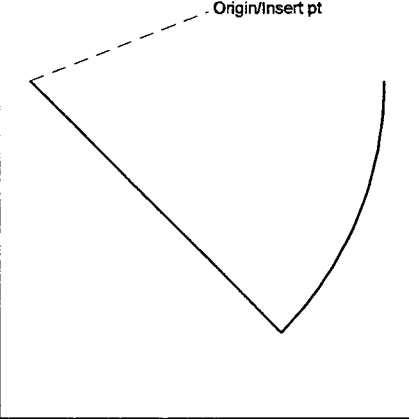
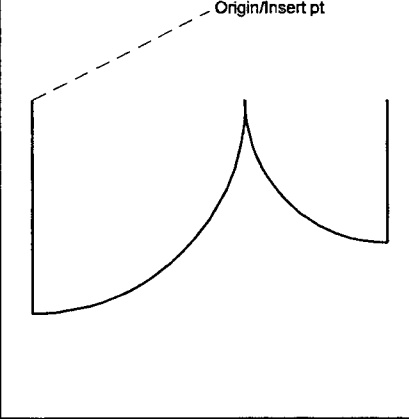
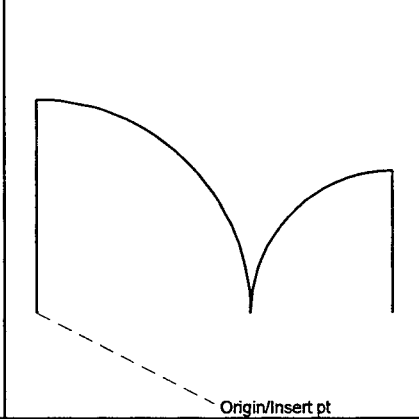
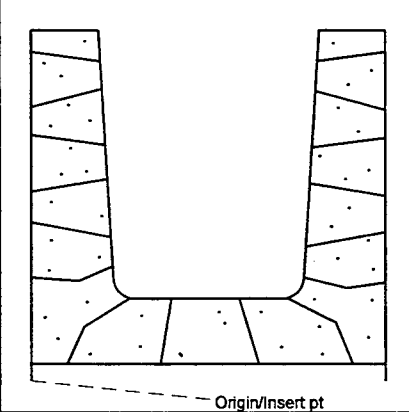
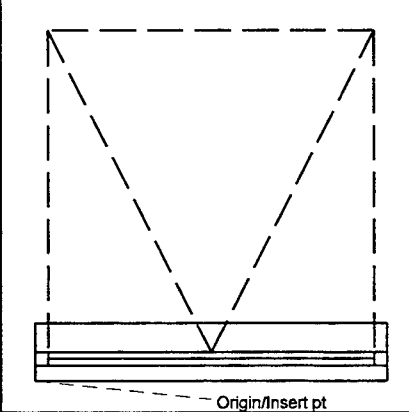
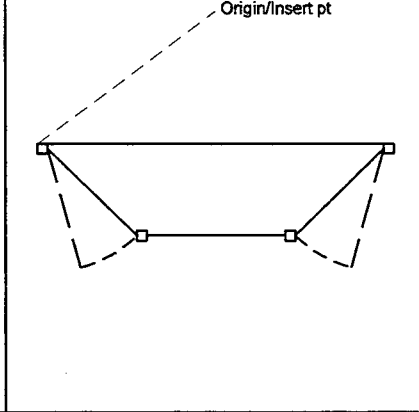
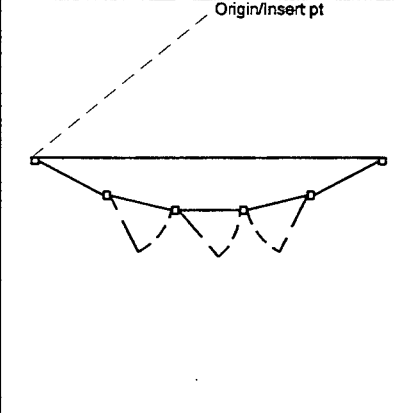
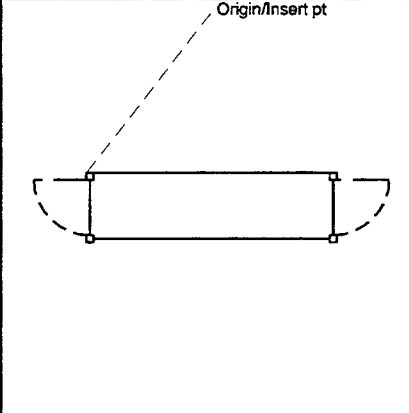
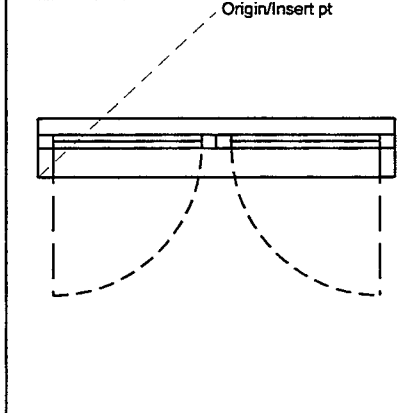
	
<p>Architectural: INBATT LOOSE FILL BATT INSULATION Element type: Line</p>	<p>Architectural: WWFBRC WELDED WIRE FABRIC Element type: Line</p>

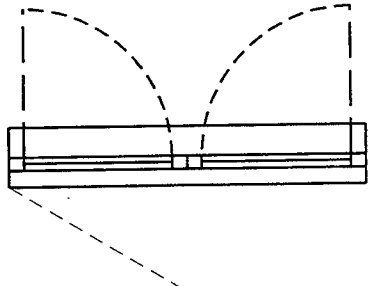
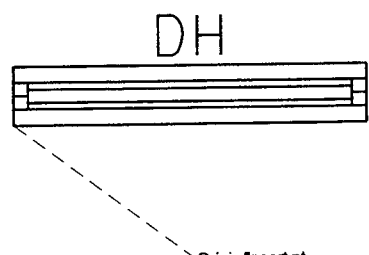
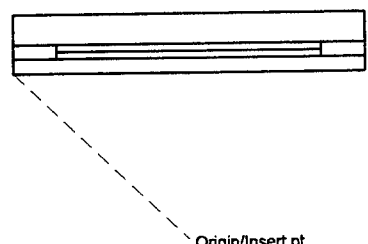
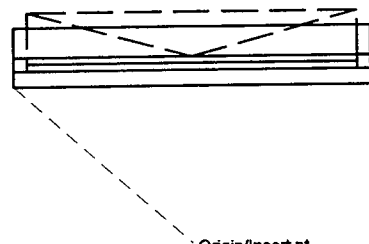
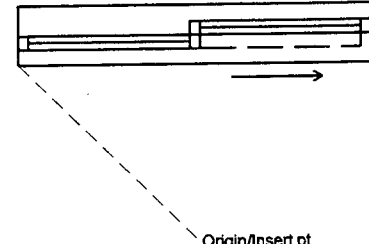
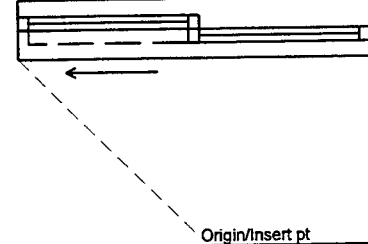
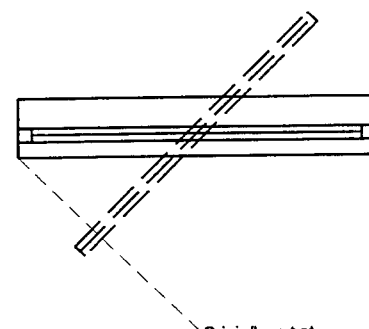
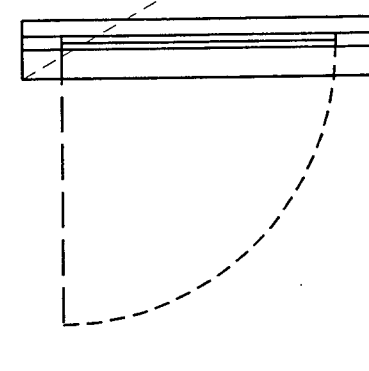
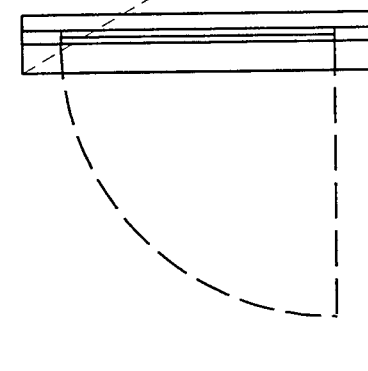
8 Architectural Objects Library

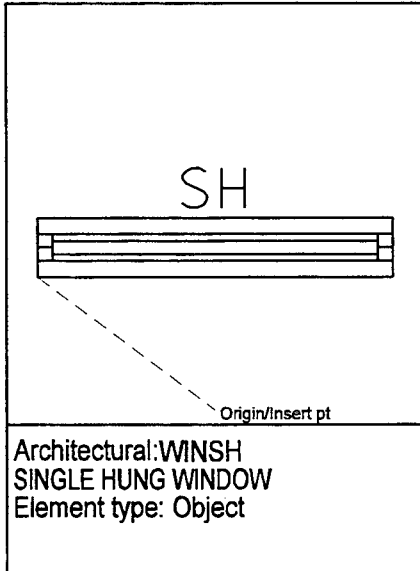
		
<p>Architectural:BRKGL GLAZED BRICK Element type: Object</p>	<p>Architectural:CMU MASONRY UNIT Element type: Object</p>	<p>Architectural:CMUBLK CONC BLOCK 8X8X16 Element type: Object</p>
		
<p>Architectural:CMUCOR CONC BLOCK 8X8X16 COR. Element type: Object</p>	<p>Architectural:CMUEND CONC BLOCK 8X8X16 END Element type: Object</p>	<p>Architectural:CMUGL GLAZED CONCRETE BLOCK Element type: Object</p>
		
<p>Architectural:CMUSTR CONC BLOCK 8X8X16 STR. Element type: Object</p>	<p>Architectural:DOR18L LEFT DOOR 180 DEGREE SWING Element type: Object</p>	<p>Architectural:DOR18R RIGHT DOOR 180 DEGREE SWING Element type: Object</p>

		
<p>Architectural: DORBFL LEFT BIFOLD DOOR Element type: Object</p>	<p>Architectural: DORBFR RIGHT BIFOLD DOOR Element type: Object</p>	<p>Architectural: DORCPV DOOR CENTER PIVOT Element type: Object</p>
		
<p>Architectural: DORCYL CYLINDRICAL DOOR Element type: Object</p>	<p>Architectural: DORDBL LEFT DOUBLE DOOR Element type: Object</p>	<p>Architectural: DORDBR RIGHT DOUBLE DOOR Element type: Object</p>
		
<p>Architectural: DORDEL LEFT DOUBLE EGRESS DOOR Element type: Object</p>	<p>Architectural: DORDER RIGHT DOUBLE EGRESS DOOR Element type: Object</p>	<p>Architectural: DORFSL LEFT SINGLE FULL SWING DOOR Element type: Object</p>

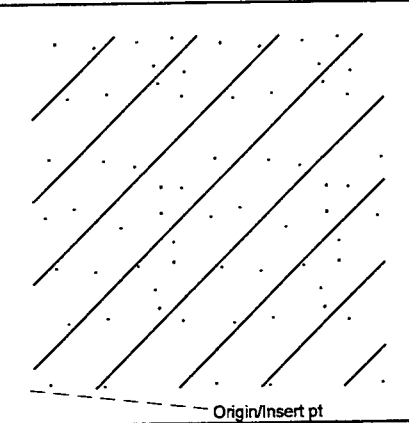
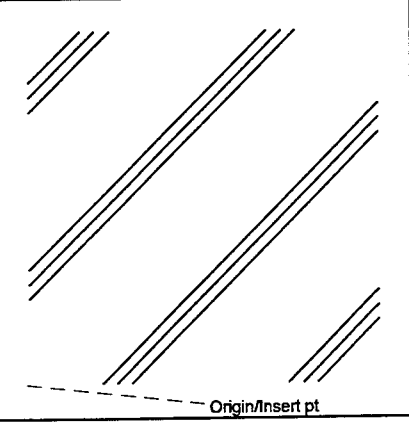
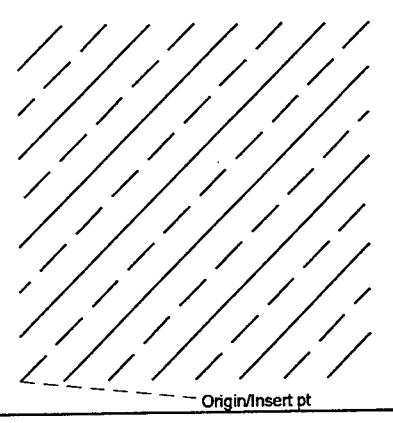
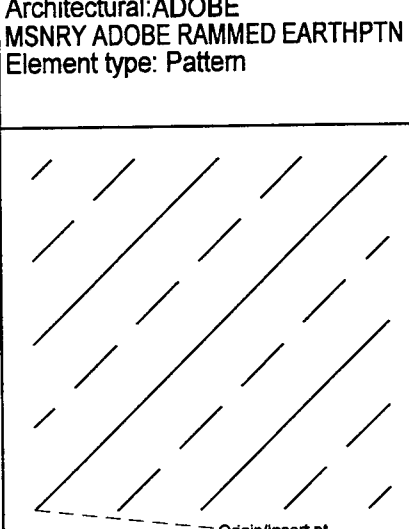
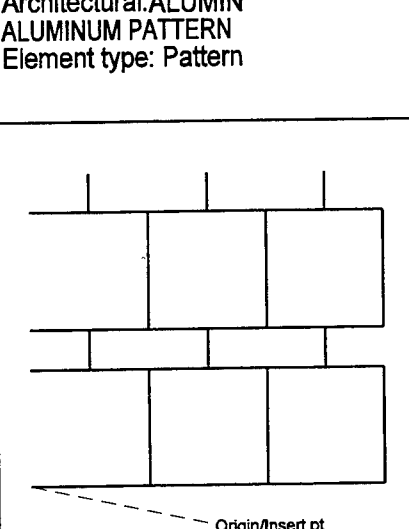
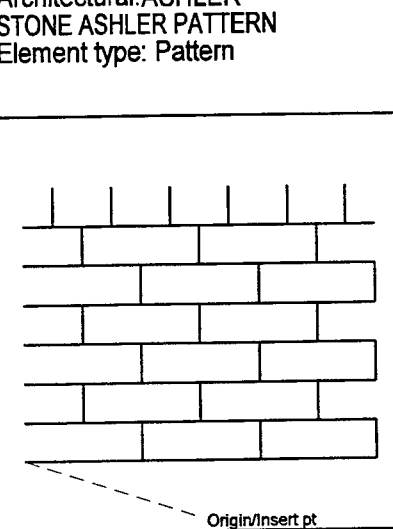
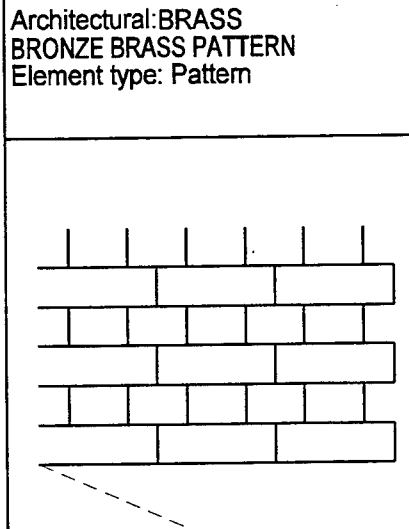
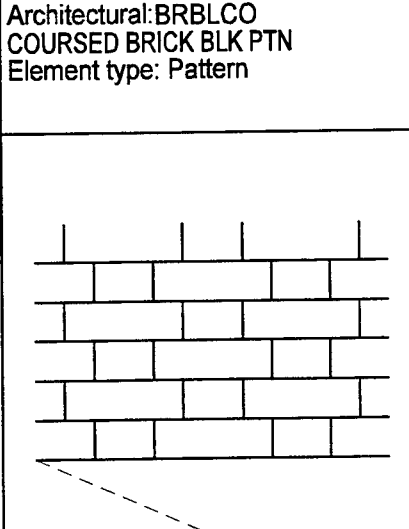
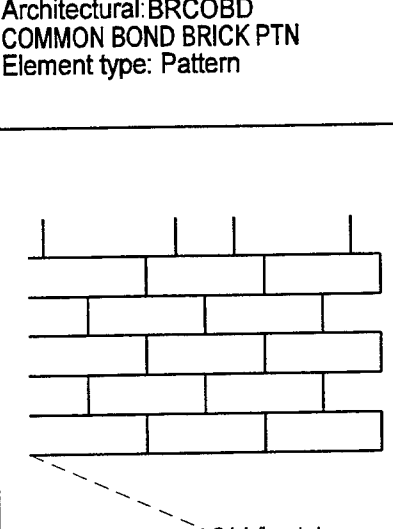
		
<p>Architectural:DORFSR RIGHT SINGLE FULL SWING DOOR Element type: Object</p>	<p>Architectural:DOROVH OVERHEAD DOOR Element type: Object</p>	<p>Architectural:DORPOC DOOR POCKET Element type: Object</p>
		
<p>Architectural:DORRUP ROLL UP DOOR Element type: Object</p>	<p>Architectural:DORSHL LEFT SINGLE HINGED DOOR Element type: Object</p>	<p>Architectural:DORSHR RIGHT SINGLE HINGED DOOR Element type: Object</p>
		
<p>Architectural:DORSLD SLIDING DOOR Element type: Object</p>	<p>Architectural:DORSLS SLIDING SURFACE DOOR Element type: Object</p>	<p>Architectural:DORSPL LEFT SINGLE PIVOT DOOR Element type: Object</p>

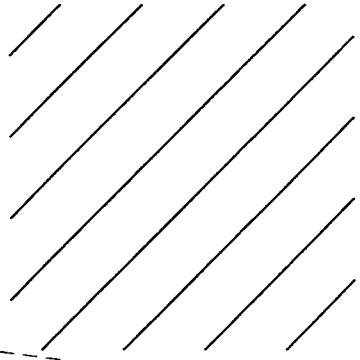
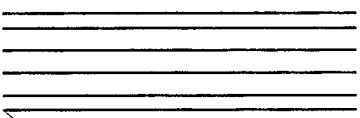
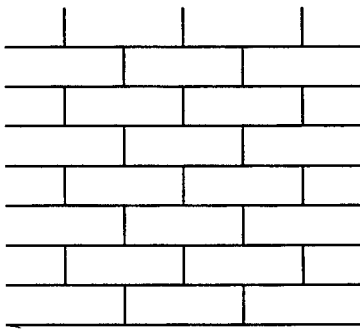
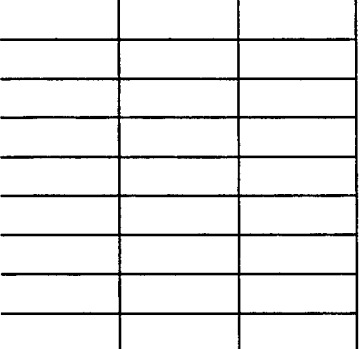
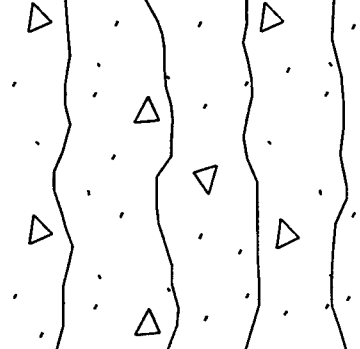
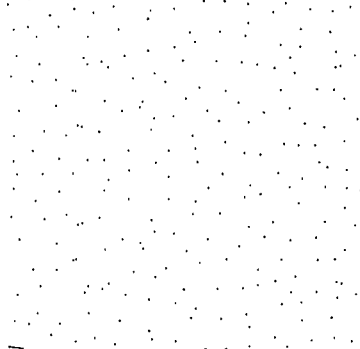
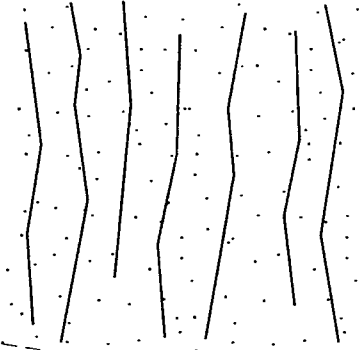

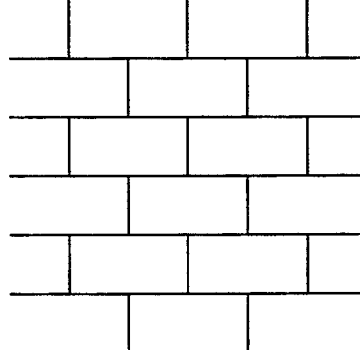
		
Architectural:DORSPR RIGHT SINGLE PIVOT DOOR Element type: Object	Architectural:DORUDL LEFT UNEVEN DOUBLE DOOR Element type: Object	Architectural:DORUDR RIGHT UNEVEN DOUBLE DOOR Element type: Object
		
Architectural:LINTEL CONC BEAM BOND LINTEL Element type: Object	Architectural:WINAWN WINDOW AWNING Element type: Object	Architectural:WINBAY PROJECTED BAY WINDOW Element type: Object
		
Architectural:WINBOW PROJECTED BOW WINDOW Element type: Object	Architectural:WINBOX PROJECTED BOX WINDOW Element type: Object	Architectural:WINDCI WNDW DBLCASEMNT INWRD OPEN Element type: Object

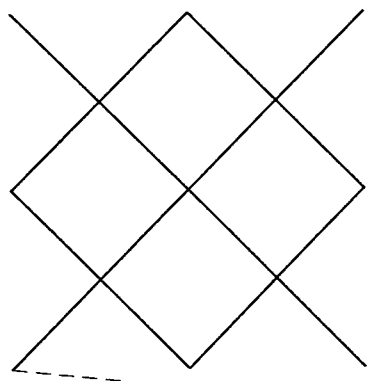
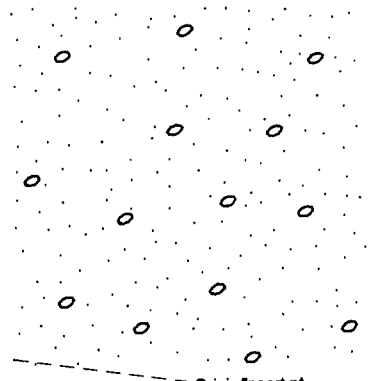
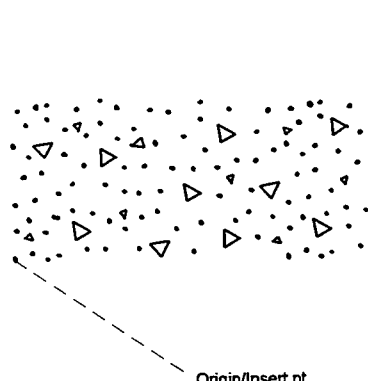
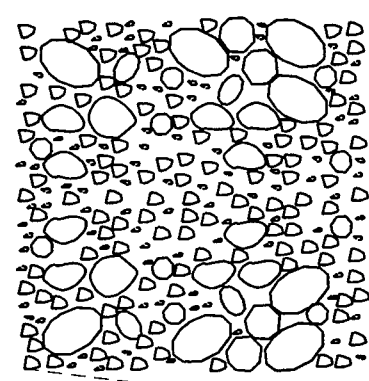
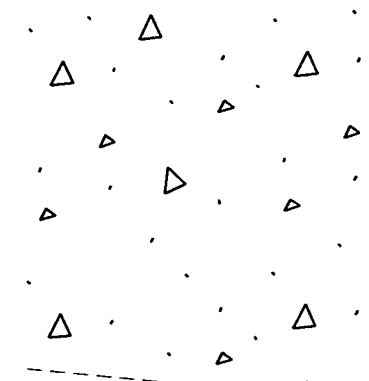
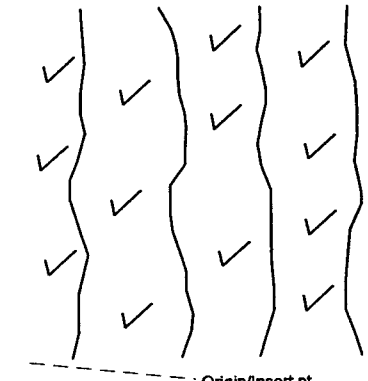
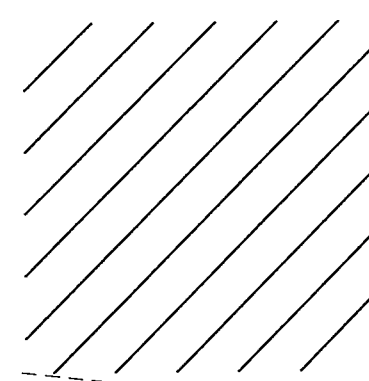
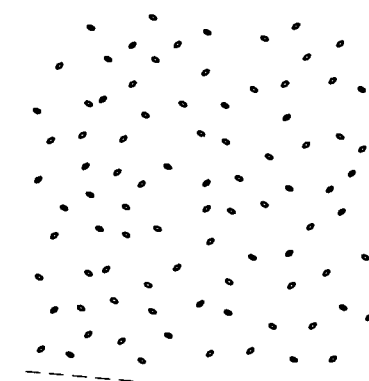
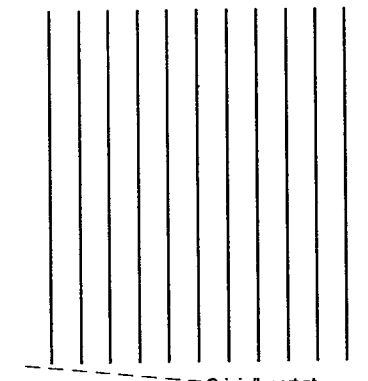
		
<p>Architectural:WINDCO WNDW DBLCASEMNT OUTWARD OPE Element type: Object</p>	<p>Architectural:WINDH DOUBLE HUNG WINDOW Element type: Object</p>	<p>Architectural:WINFIX FIXED 1 FOOT WINDOW Element type: Object</p>
		
<p>Architectural:WINJAL JALOUSIE WINDOW Element type: Object</p>	<p>Architectural:WINOSL SLIDNG WNDW LFT OPRTNG SASH Element type: Object</p>	<p>Architectural:WINOSR SLDNG WNDW RGHT OPRTNG SASH Element type: Object</p>
		
<p>Architectural:WINPIV PIVOT WINDOW Element type: Object</p>	<p>Architectural:WINSCL WNDWSNGLCASEMNTLEFTJAMBHING Element type: Object</p>	<p>Architectural:WINSR WNDWSNGLCASEMNTRGHTJAMBHING Element type: Object</p>

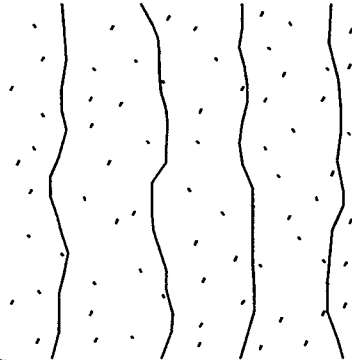
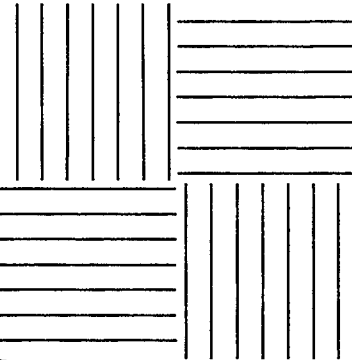
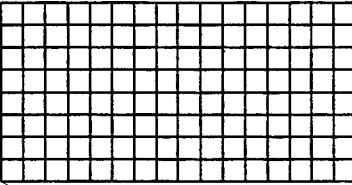
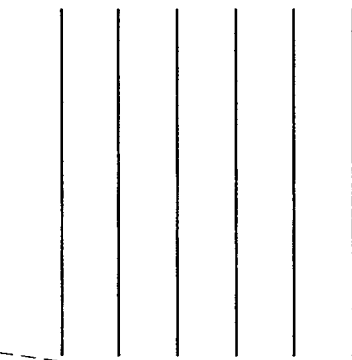

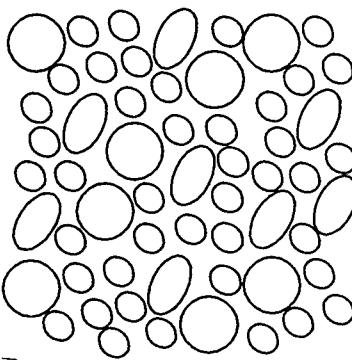
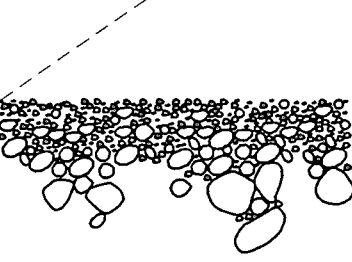
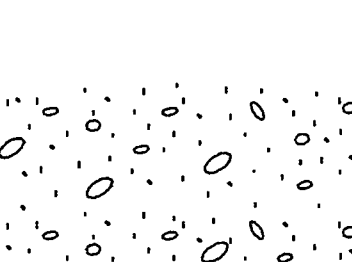



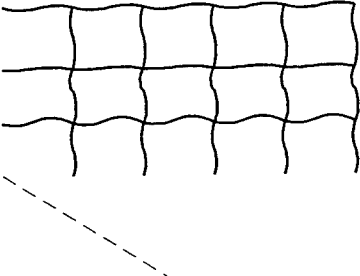
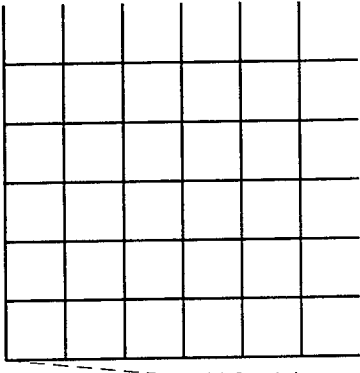
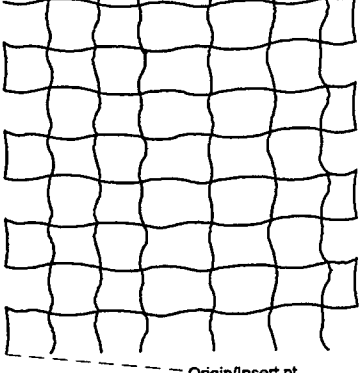
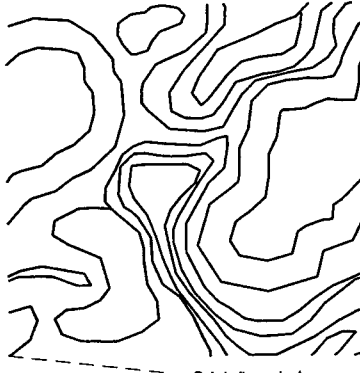
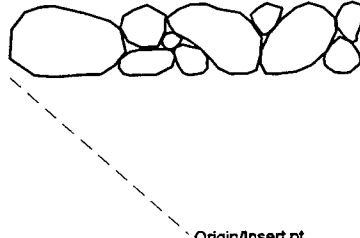
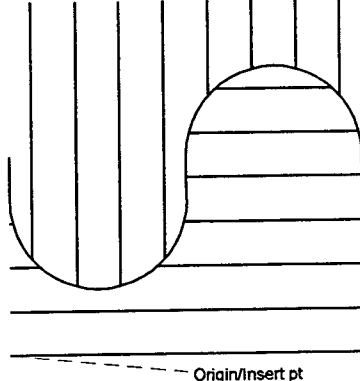
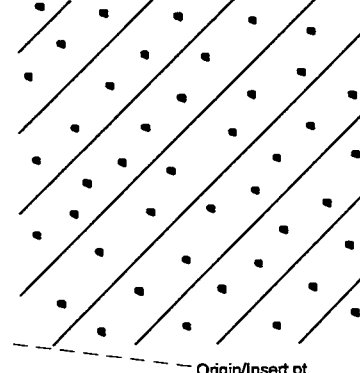
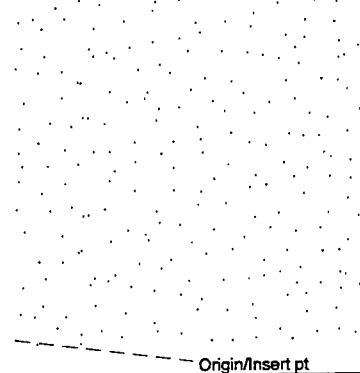
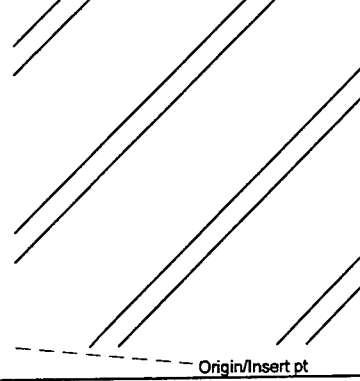
8 Architectural Patterns Library

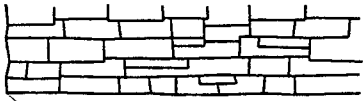
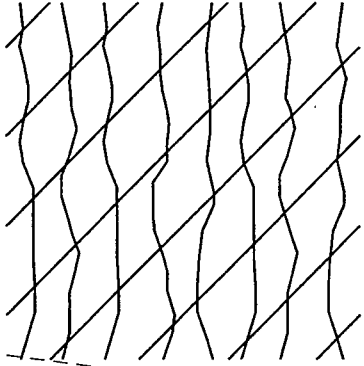
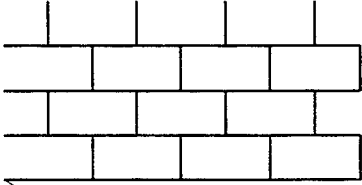
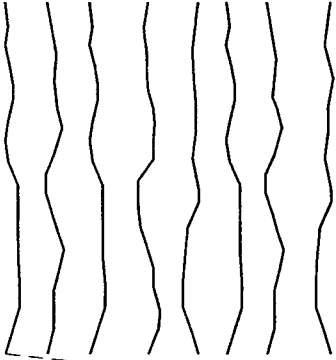
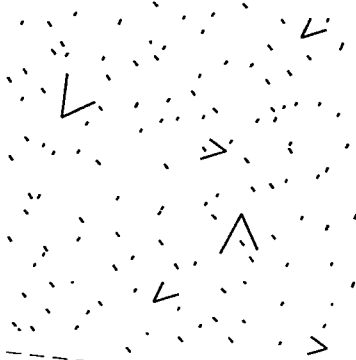
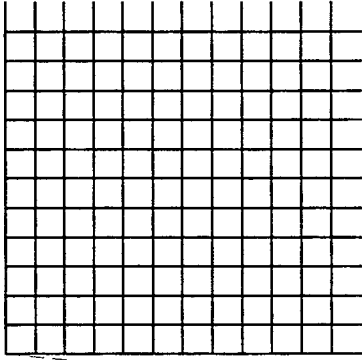
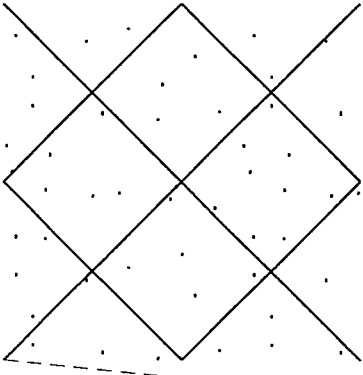
		
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Architectural: BRASS BRONZE BRASS PATTERN Element type: Pattern	Architectural: BRBLCO COURSED BRICK BLK PTN Element type: Pattern	Architectural: BRCOBD COMMON BOND BRICK PTN Element type: Pattern
		
Architectural: BRENBD ENGLISH BOND BRICK PTN Element type: Pattern	Architectural: BRFLBD FLEMISH BOND BRICK PTN Element type: Pattern	Architectural: BRFLCB FLEMISH COM BOND PTN Element type: Pattern

 <p>Origin/Insert pt</p>	 <p>Origin/Insert pt</p>	 <p>Origin/Insert pt</p>
<p>Architectural:BRKCF COMMON FACE BRICK PTN Element type: Pattern</p>	<p>Architectural:BRKELE BRICK ELEVATION PTN Element type: Pattern</p>	<p>Architectural:BRRNBD BRICK RUNNING BOND PTN Element type: Pattern</p>
 <p>Origin/Insert pt</p>	 <p>Origin/Insert pt</p>	 <p>Origin/Insert pt</p>
<p>Architectural:BRSTBD BRICK STACK BOND PATTERN Element type: Pattern</p>	<p>Architectural:CCBSS CAST CONC BLK SM SCALE PTN Element type: Pattern</p>	<p>Architectural:CCELEV CONC CEMENT ELEV PTN Element type: Pattern</p>
 <p>Origin/Insert pt</p>	 <p>Origin/Insert pt</p>	 <p>Origin/Insert pt</p>
<p>Architectural:CDTOP CEMENTITIOUSDECK TOPPINGPTN Element type: Pattern</p>	<p>Architectural:CMUBP CMU BLOCK PATTERN Element type: Pattern</p>	<p>Architectural:CMUEL ELEVATION BLOCK PTN Element type: Pattern</p>




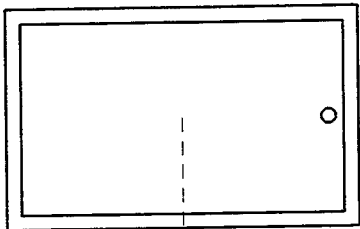
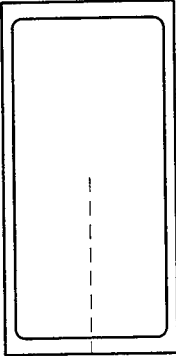
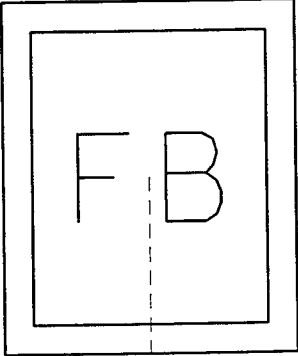
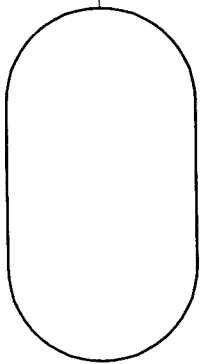
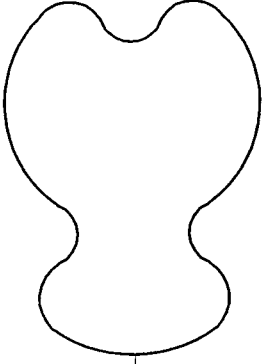
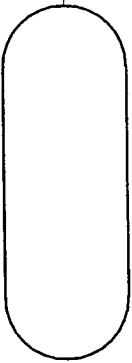
		
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<p>Architectural: CONCPR PRECAST CASTIN PLACECONCPTN Element type: Pattern</p>	<p>Architectural: CONCST CONCRETE STONE Element type: Pattern</p>	<p>Architectural: CONPBS PUMICE BLK CONC SMSCALE PTN Element type: Pattern</p>
		
<p>Architectural: CSTIRN CAST IRON PATTERN Element type: Pattern</p>	<p>Architectural: CSTSTN CAST STONE PATTERN Element type: Pattern</p>	<p>Architectural: CTILSS CERAMIC TILE SM SCALE Element type: Pattern</p>

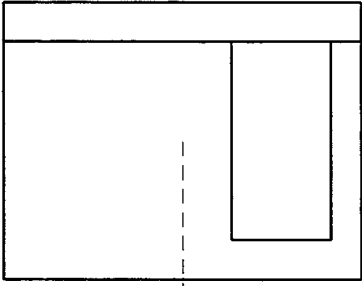
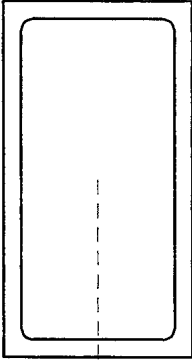
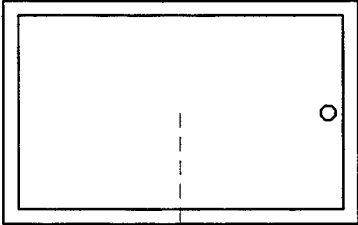
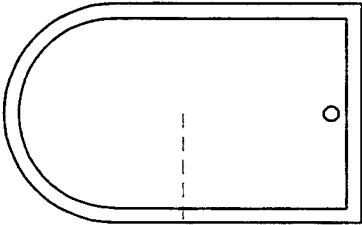
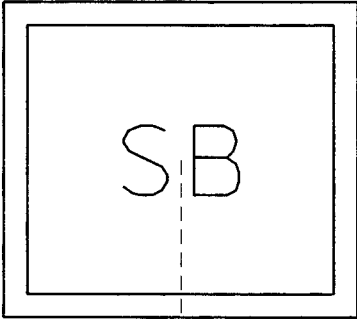
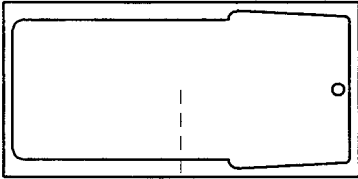
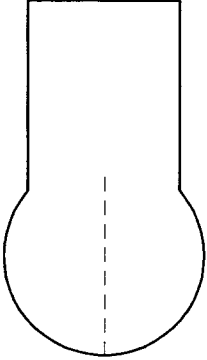
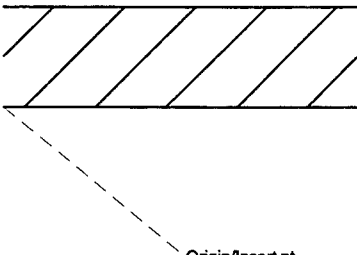
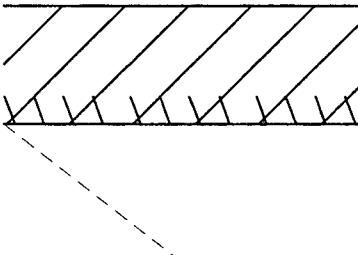
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<p>Architectural: GLASS STRUCTURAL GLASS PTN Element type: Pattern</p>	<p>Architectural: GROUT GROUT Element type: Pattern</p>	<p>Architectural: GRVCRE CRUSHED ROCK EARTH GRVL PTN Element type: Pattern</p>
 <p>Origin/Insert pt</p>	 <p>Origin/Insert pt</p>	 <p>Origin/Insert pt</p>
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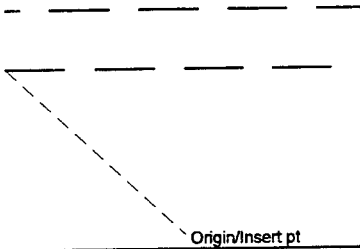
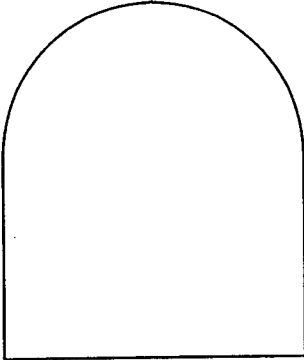
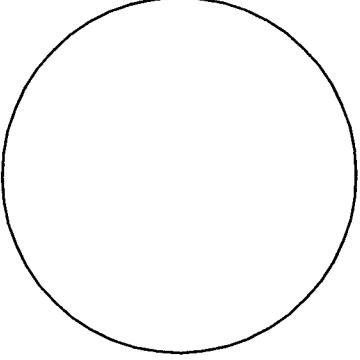
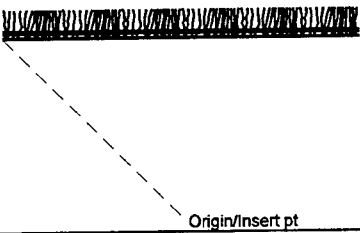
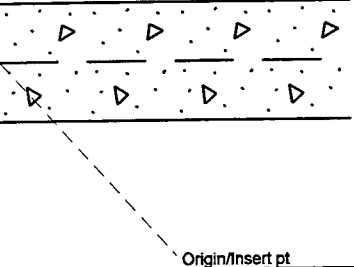
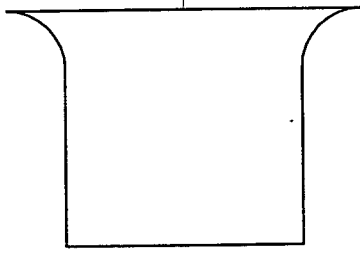
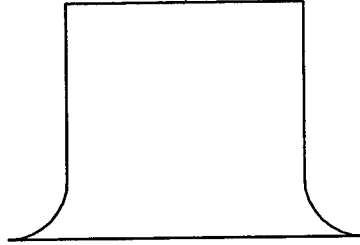
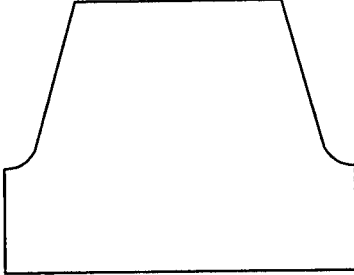
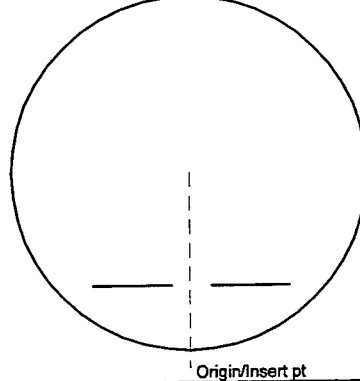
		
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<p>Architectural:MARBL2 MARBLE STONE PLAN VIEW Element type: Pattern</p>	<p>Architectural:RIPRAP RIPRAP PATTERN Element type: Pattern</p>	<p>Architectural:ROCK ROCK EARTHWORK PATTERN Element type: Pattern</p>
		
<p>Architectural:RUBBLE STONE RUBBLE PATTERN Element type: Pattern</p>	<p>Architectural:SAND SAND PATTERN Element type: Pattern</p>	<p>Architectural:STEEL STEEL OTHER METALS PATTERN Element type: Pattern</p>

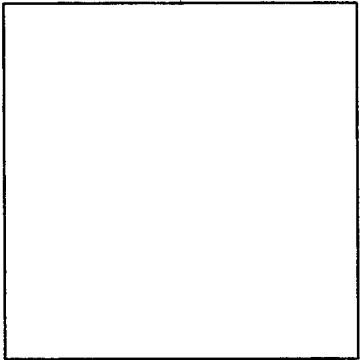
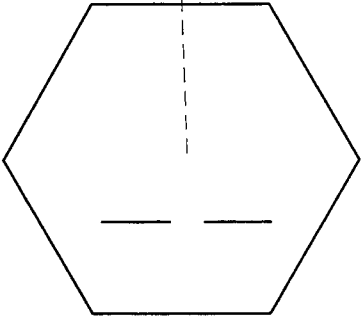
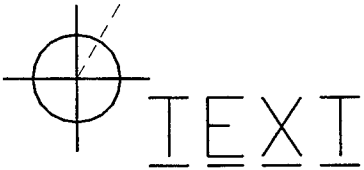
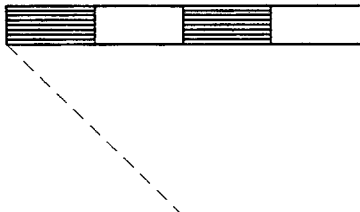
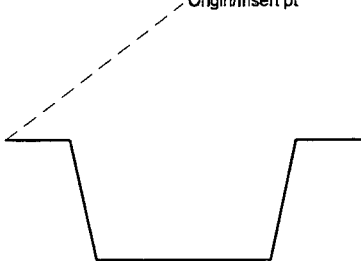
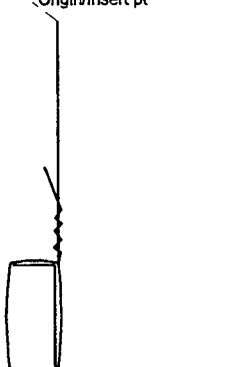
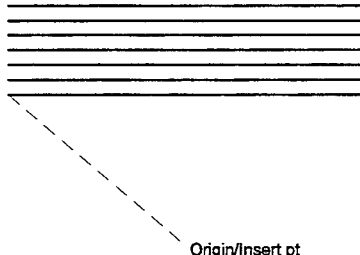
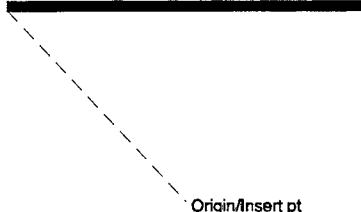
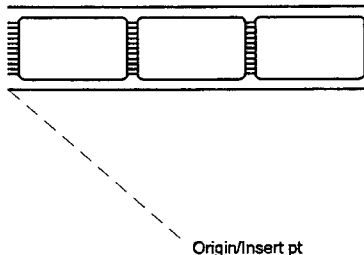
		
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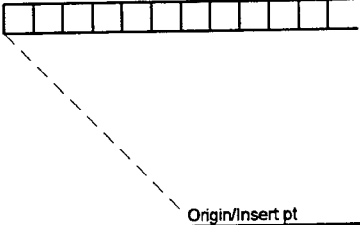
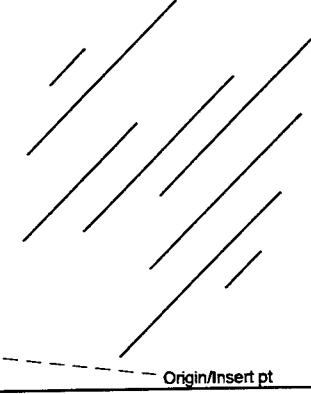
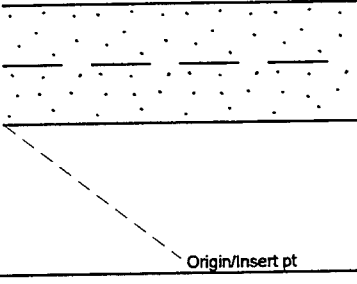
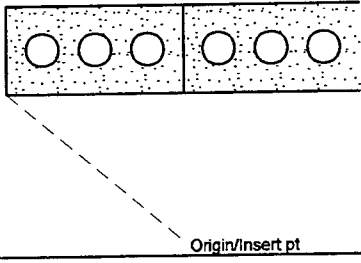
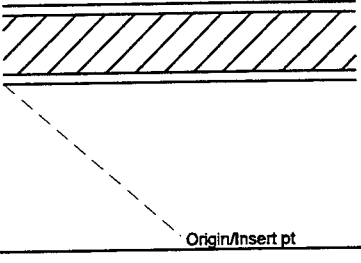
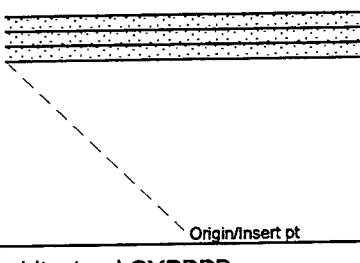
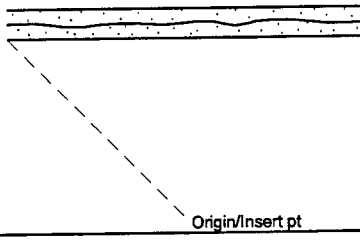
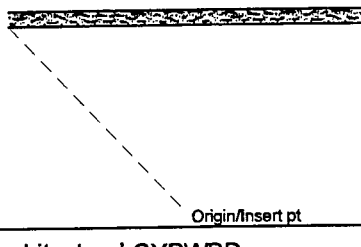
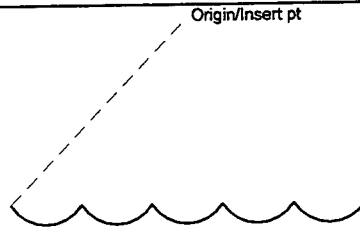
8 Architectural Symbols Library

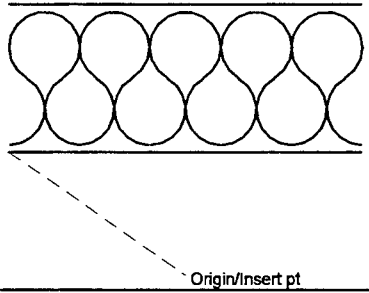
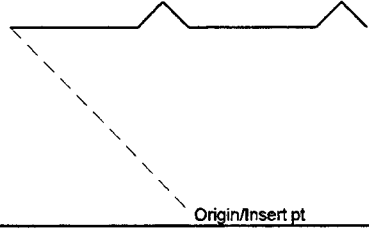
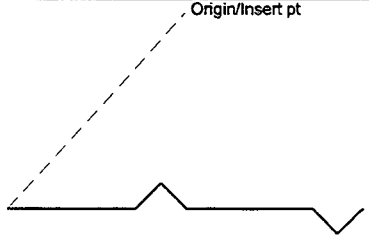
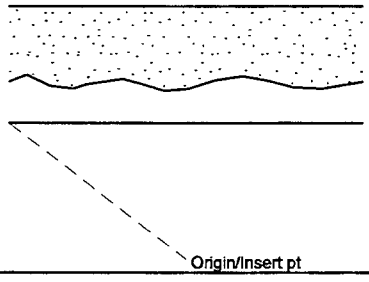
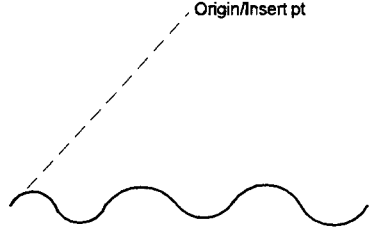
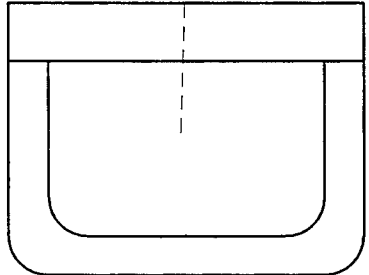
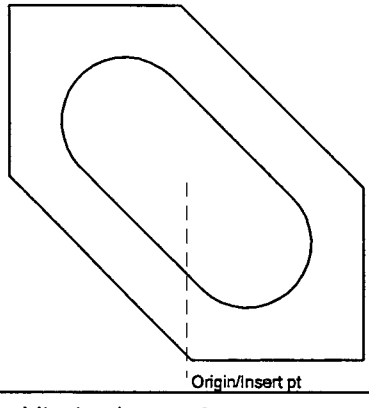
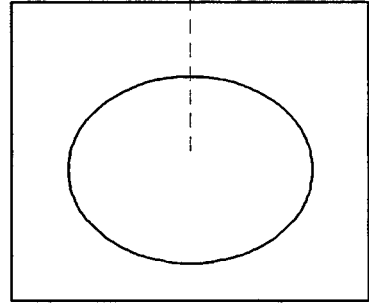
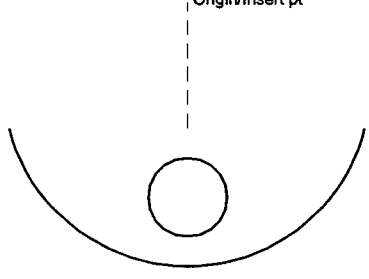
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<p>Architectural:BATHCO CORNER BATH Element type: Symbol</p>	<p>Architectural:BATHEM EMERGENCY BATH Element type: Symbol</p>	<p>Architectural:BATHFT FOOT BATH Element type: Symbol</p>
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<p>Architectural:BATHHA HYDROTHERAPY ARM BATH Element type: Symbol</p>	<p>Architectural:BATHHH HYDROTHERAPY HUBBARD BATH Element type: Symbol</p>	<p>Architectural:BATHHL HYDROTHERAPY LEG BATH Element type: Symbol</p>

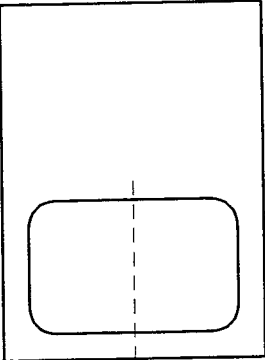
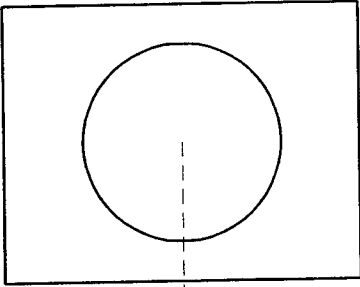
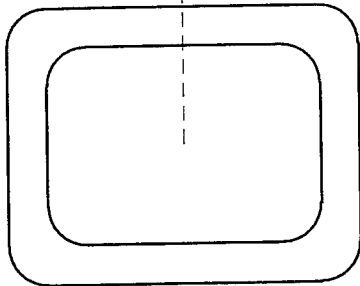

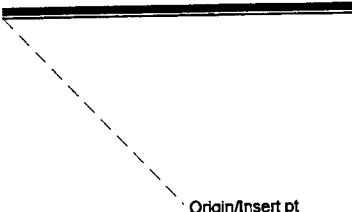
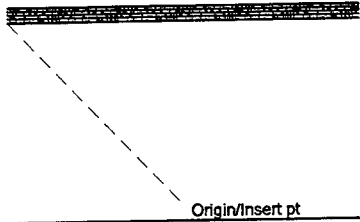
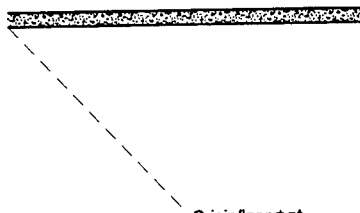
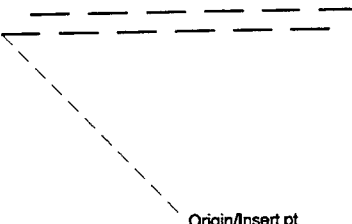
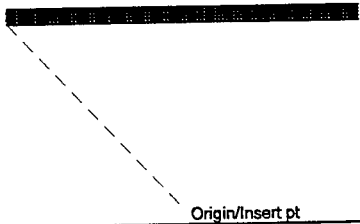
		
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<p>Architectural: BIDET WATERCLOSET BIDET Element type: Symbol</p>	<p>Architectural: BRFACC BRICK FACE ON COMMON Element type: Symbol</p>	<p>Architectural: BRFIRE FIRE BRICK Element type: Symbol</p>

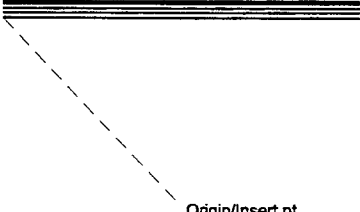
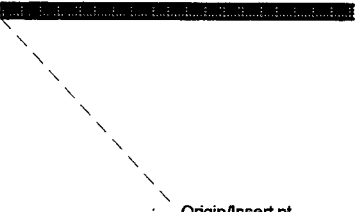
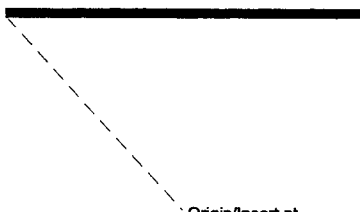
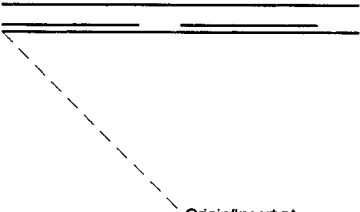
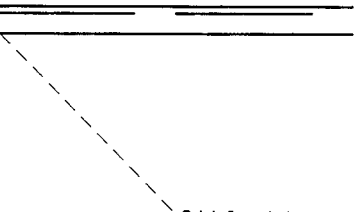
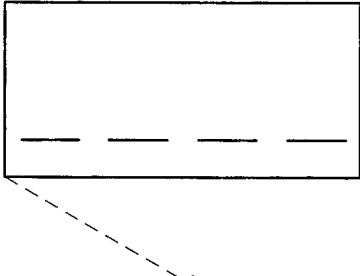
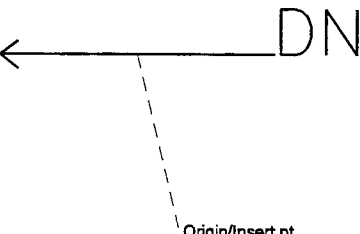
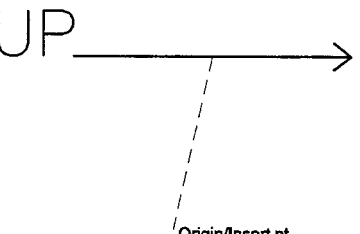
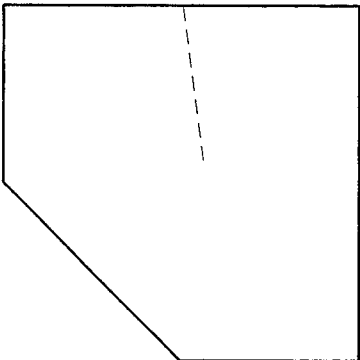
		
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Architectural: CARPET CARPET AND PAD Element type: Symbol	Architectural: CPLANK CONCRETE PLANK Element type: Symbol	Architectural: DFPROJ DRINK FOUNTAIN PROJECTING TYP Element type: Symbol
		
Architectural: DFRECS DRINK FOUNTAIN RECESSED TYP Element type: Symbol	Architectural: DFSREC DRINK FOUNTN SEMIREC SSD TYP Element type: Symbol	Architectural: DOORID DOOR OPENING IDENTIFIER Element type: Symbol

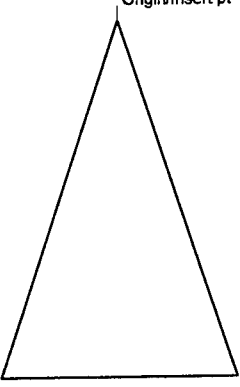
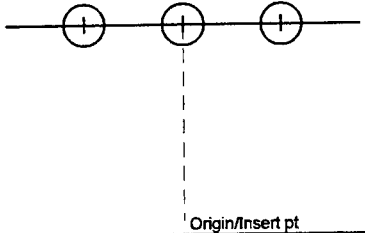
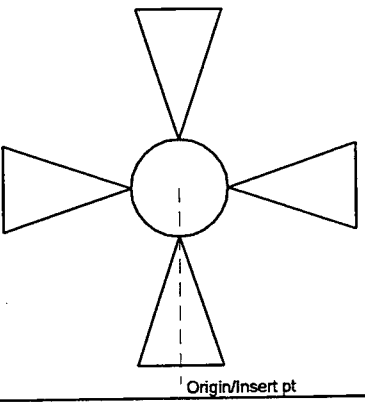
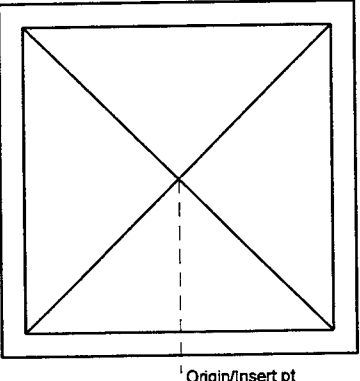
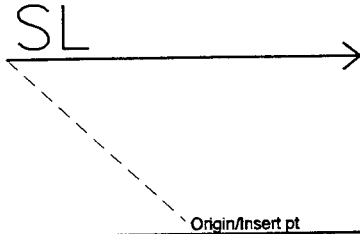
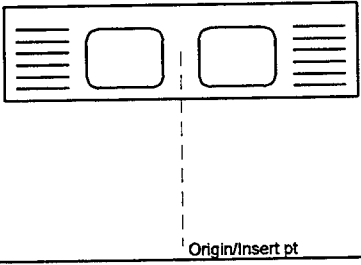
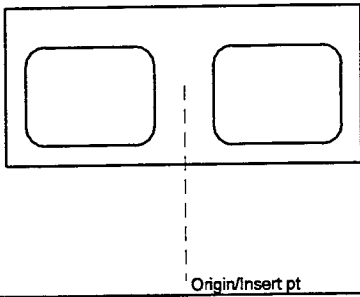
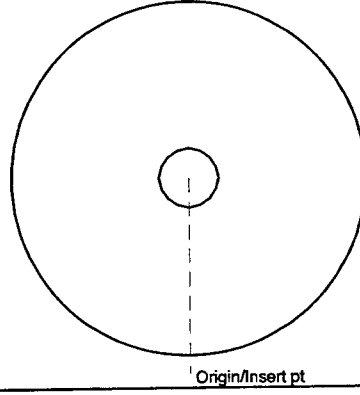
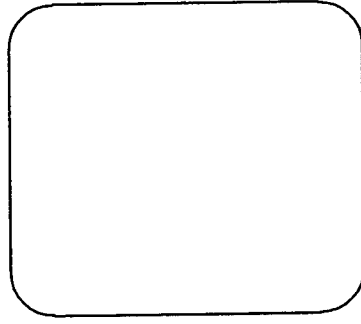
		
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<p>Architectural: FLRRPL FLOORING RESILIENT PLSTC LAM Element type: Symbol</p>	<p>Architectural: FURCHH FURRING CHANNEL HAT Element type: Symbol</p>	<p>Architectural: FURCHN FURRING CHANNEL Element type: Symbol</p>
		
<p>Architectural: GLASLS LARGE SCALE GLASS Element type: Symbol</p>	<p>Architectural: GLASSS SMALL SCALE GLASS Element type: Symbol</p>	<p>Architectural: GLBLLS GLASS BLOCK LARGE SCALE Element type: Symbol</p>

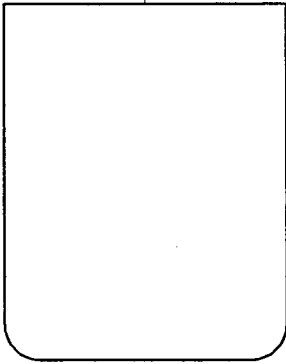
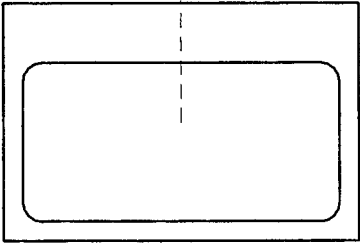
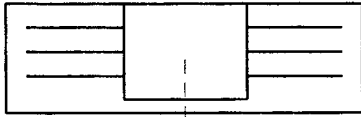
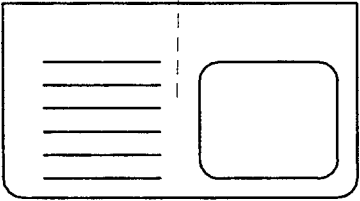
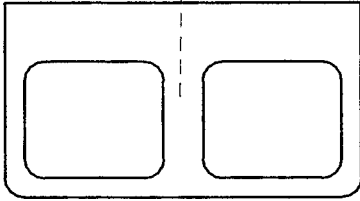
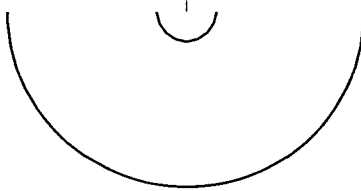
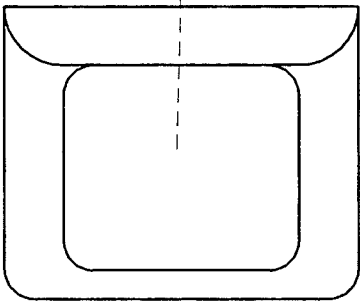
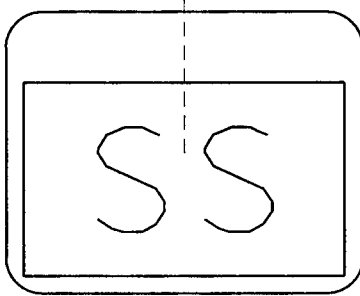
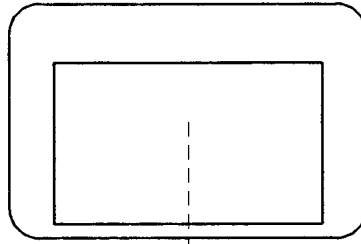
		
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<p>Architectural:GYPBLK GYPSUM BLOCK TILE Element type: Symbol</p>	<p>Architectural:GYPPOM GYPSUM PLASTER ON MASONRY Element type: Symbol</p>	<p>Architectural:GYPPPB GYPSUM PLASTER PARTICLE BR Element type: Symbol</p>
		
<p>Architectural:GYPSP GYPSUMSOLIDPLASTERPARTITION Element type: Symbol</p>	<p>Architectural:GYPWBD GYPSUM WALLBOARD FINISHES Element type: Symbol</p>	<p>Architectural:INFBSS SMSCALE FLXBL BLANKET INSUL Element type: Symbol</p>

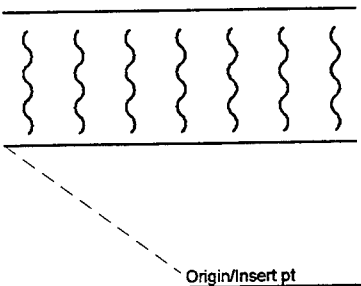
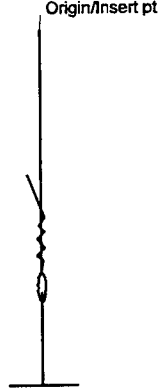
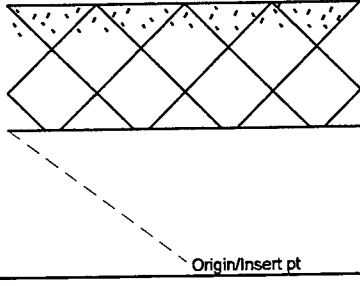
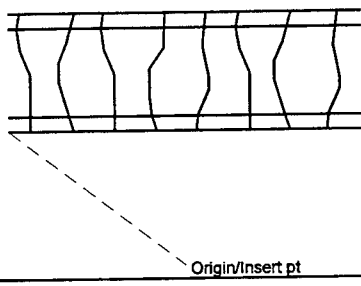
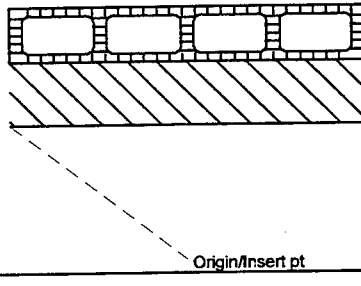
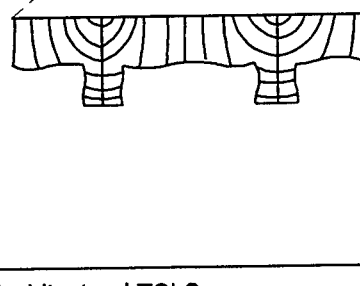
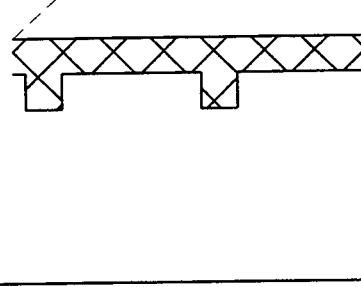
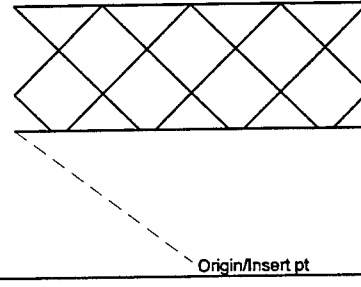
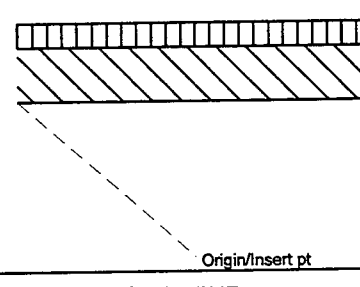
		
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<p>Architectural:INSFOM SPRAY FOAM INSULATION Element type: Symbol</p>	<p>Architectural:INSTND INSUL TYPE NOT DETER LRGSC Element type: Symbol</p>	<p>Architectural:LAVBCK BACK LAVATORY Element type: Symbol</p>
		
<p>Architectural:LAVCOR CORNER LAVATORY Element type: Symbol</p>	<p>Architectural:LAVCOU LAVATORY IN COUNTER Element type: Symbol</p>	<p>Architectural:LAVDNT DENTAL LAVATORY Element type: Symbol</p>

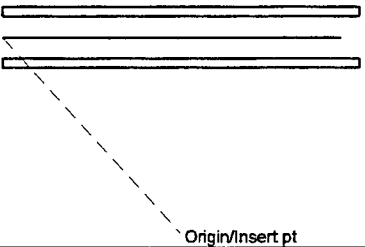
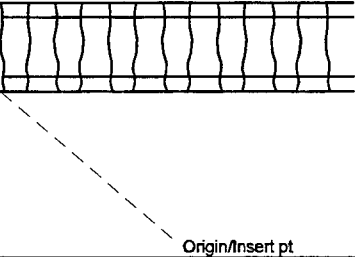
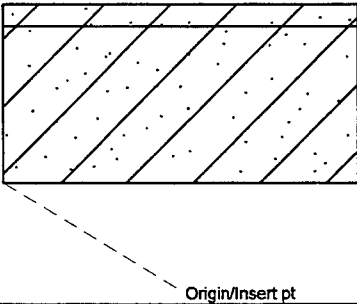
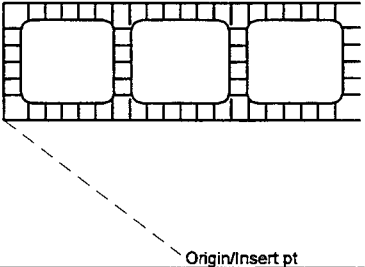
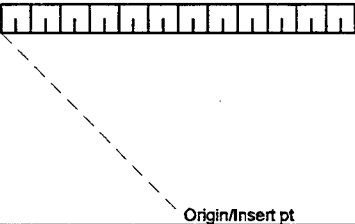
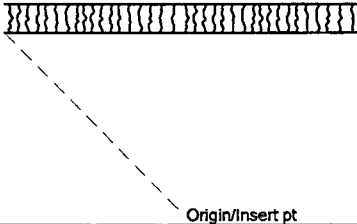
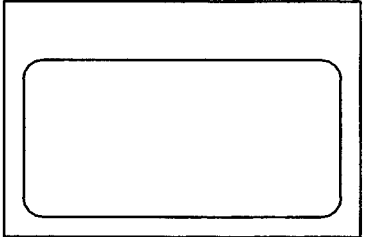
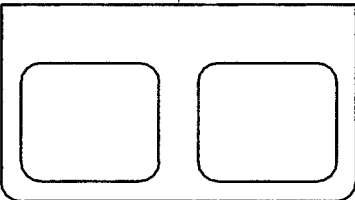
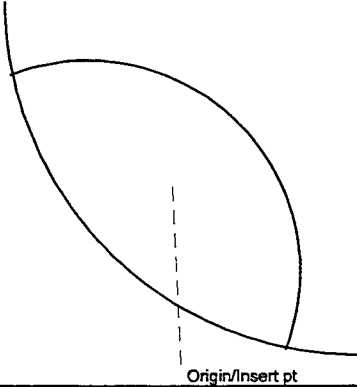
		
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<p>Architectural: MTLPL METAL LATH AND PLASTER Element type: Symbol</p>	<p>Architectural: MTLSHT METAL SHEET ALL METAL S SCALE Element type: Symbol</p>	<p>Architectural: ORISTB ORIENTED STRAND BOARD Element type: Symbol</p>
		
<p>Architectural: PARTBD PARTICLEBOARD Element type: Symbol</p>	<p>Architectural: PLASTC PLASTIC FINISHES Element type: Symbol</p>	<p>Architectural: PLPLLS LRGSCALE PLASTIC ON PLYWOOD Element type: Symbol</p>

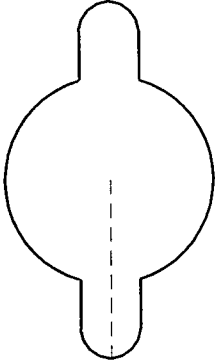
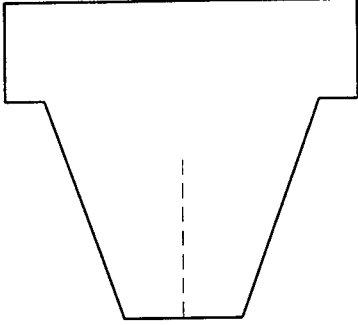
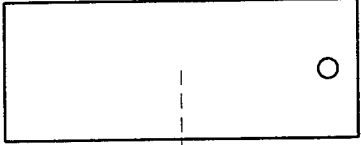
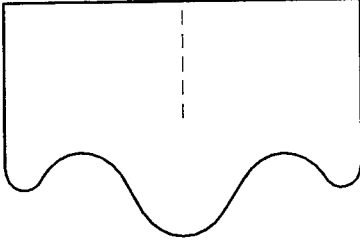
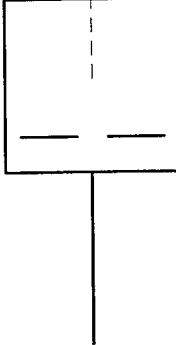
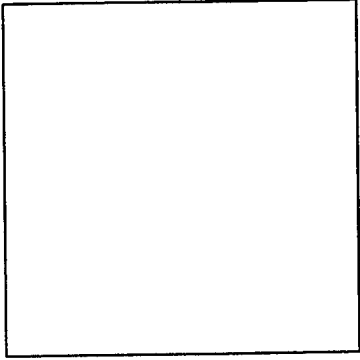
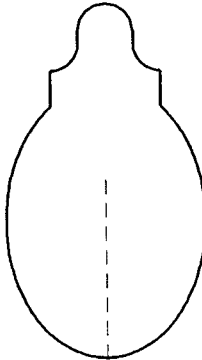
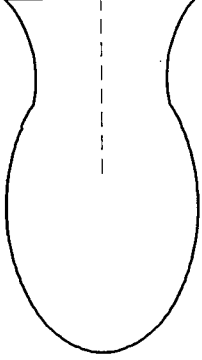
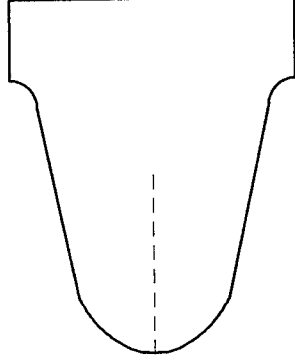
		
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<p>Architectural: RBIILS RGD BRD INTRR INSUL LRGSC Element type: Symbol</p>	<p>Architectural: RBISLS INSUL RGD BRD ASSHTNG LRGSC Element type: Symbol</p>	<p>Architectural: ROOMID ROOM IDENTIFIER Element type: Symbol</p>
		
<p>Architectural: SDIRLD STAIR DIRECTION LINE DOWN Element type: Symbol</p>	<p>Architectural: SDIRLU STAIR DIRECTION LINE UP Element type: Symbol</p>	<p>Architectural: SHWRCO CORNER SHOWER Element type: Symbol</p>

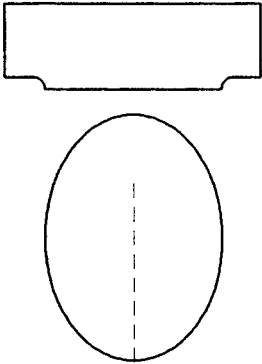
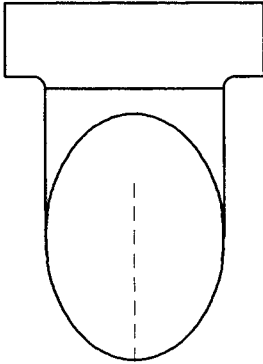
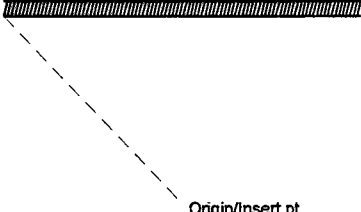
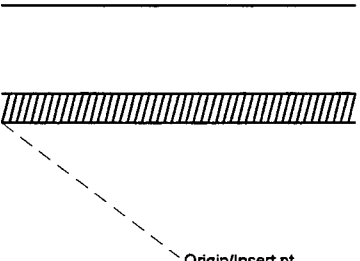
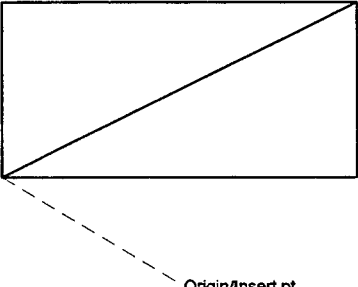
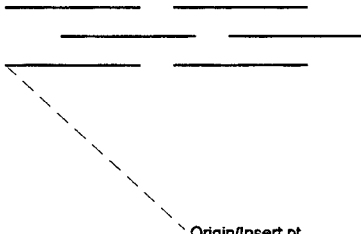
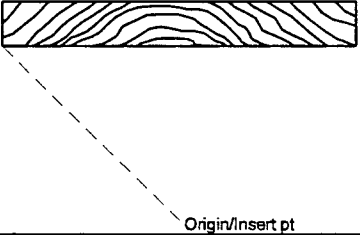
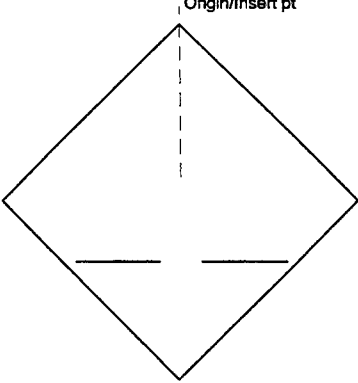
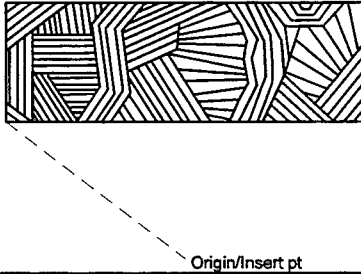
		
<p>Architectural: SHWRHD SHOWER HEAD Element type: Symbol</p>	<p>Architectural: SHWROG SHOWER OVERHEAD GANG Element type: Symbol</p>	<p>Architectural: SHWRPG SHOWER PEDESTAL GANG Element type: Symbol</p>
		
<p>Architectural: SHWRST SHOWER STALL Element type: Symbol</p>	<p>Architectural: SLOPE DIRECTION OF LINE SLOPE Element type: Symbol</p>	<p>Architectural: SNK2BD DBLE SINK W DRAINBOARDS Element type: Symbol</p>
		
<p>Architectural: SNK2CT SINK TWO COMPARTMENT TYPE Element type: Symbol</p>	<p>Architectural: SNKCWT CIRCULAR WASH TYPE SINK Element type: Symbol</p>	<p>Architectural: SNKDSP SINK DISPOSER Element type: Symbol</p>


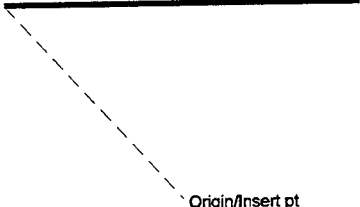
		
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<p>Architectural: SNKLDB SINK W LEFT DRAINBOARD Element type: Symbol</p>	<p>Architectural: SNKLTR SINK LAUNDRY TRAY Element type: Symbol</p>	<p>Architectural: SNKSCW SEMICIRULAR WASH SINK Element type: Symbol</p>
		
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Architectural:STLCSS STRUCTURAL CLAY TILE SM SCL Element type: Symbol	Architectural:SUSPNT SUSPENSION TEE Element type: Symbol	Architectural:TC1FLS TERACOTA GLZD1FACE LRGSCALE Element type: Symbol
		
Architectural:TC2FSS TERACOTA GLZD2FACES SMSCALE Element type: Symbol	Architectural:TCHOLW HOLLOW TERRA COTTA Element type: Symbol	Architectural:TCLS LARGE SCALE TERRA COTTA Element type: Symbol
		
Architectural:TCQLS TERA COTA QUARRY LRGSCALE Element type: Symbol	Architectural:TCUGLS TERACOTA UNGLAZED LRGSCALE Element type: Symbol	Architectural:TCVENR VENEER TERRA COTTA Element type: Symbol

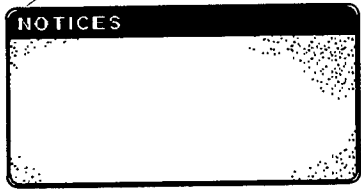
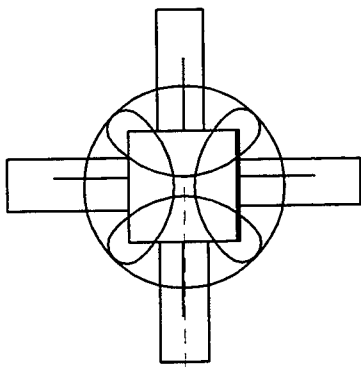
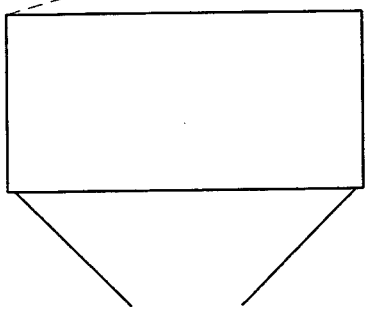
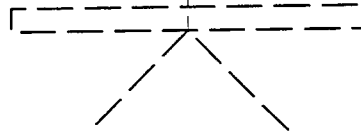
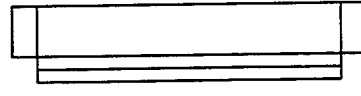
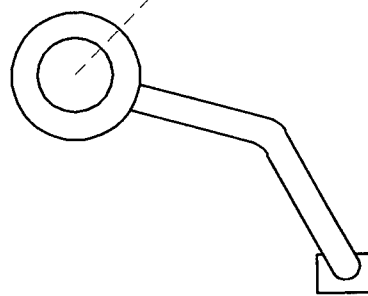
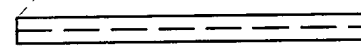
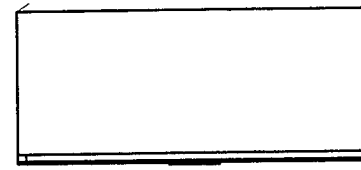
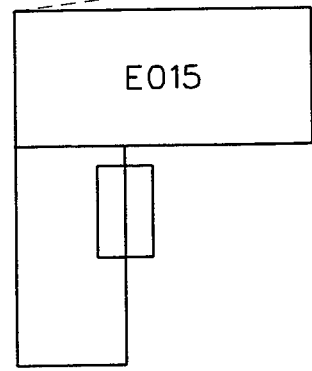
		
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<p>Architectural: TILSFU TILE STRUCTURAL FLOOR UNITS Element type: Symbol</p>	<p>Architectural: TLACOU ACOUSTICAL TILE FINISH Element type: Symbol</p>	<p>Architectural: TLCRLS CERAMICTILE FINISH LRGSCALE Element type: Symbol</p>
		
<p>Architectural: TRAY1L SINGLE LAUNDRY TRAY Element type: Symbol</p>	<p>Architectural: TRAY2L DOUBLE LAUNDRY TRAYS Element type: Symbol</p>	<p>Architectural: URNLCO CORNER TYPE URINAL Element type: Symbol</p>

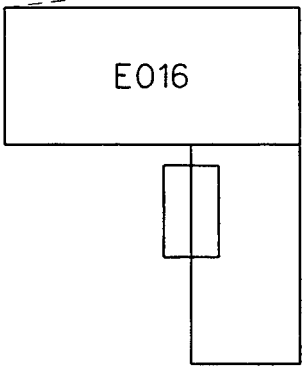
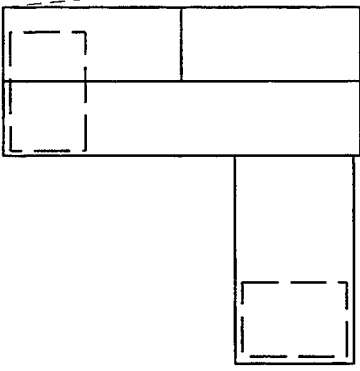
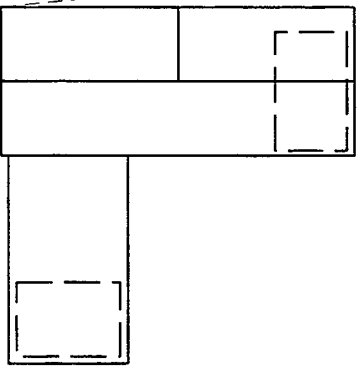
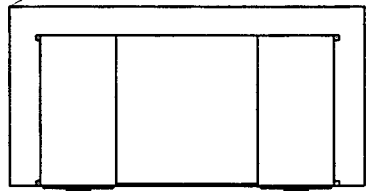
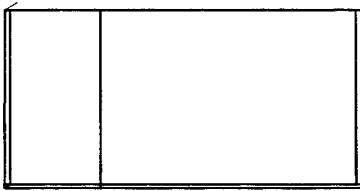

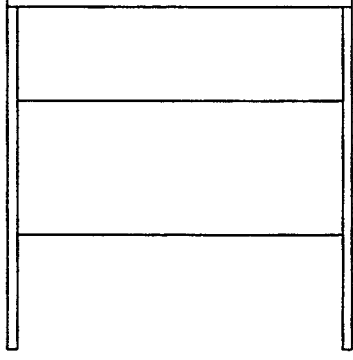
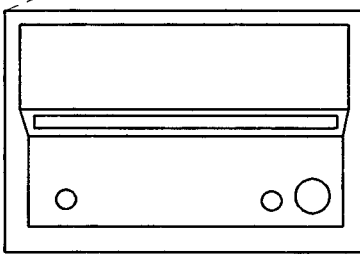
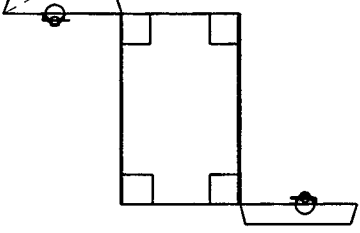
		
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Architectural: URNLWH WALL HUNG URINAL Element type: Symbol	Architectural: WALLID WALL TYPE IDENTIFIER Element type: Symbol	Architectural: WCELWH ELEC WALLHUNG WATER COOLER Element type: Symbol
		
Architectural: WCFVFO F.V. FLR OUTLET WATERCLOSET Element type: Symbol	Architectural: WCFVWH F.V. WALL HUNG WATERCLOSET Element type: Symbol	Architectural: WCITNK INTEGRAL TANK WATERCLOSET Element type: Symbol

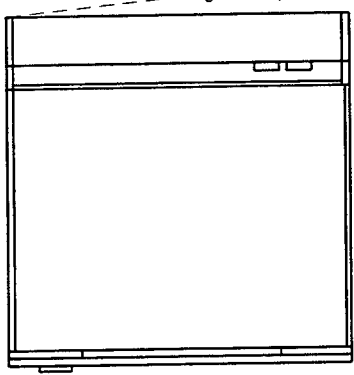
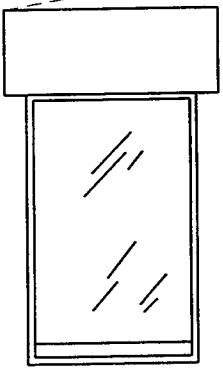
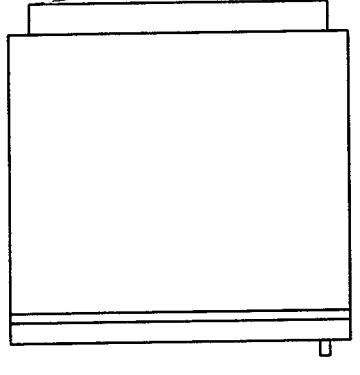
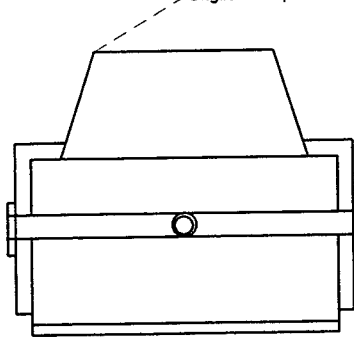
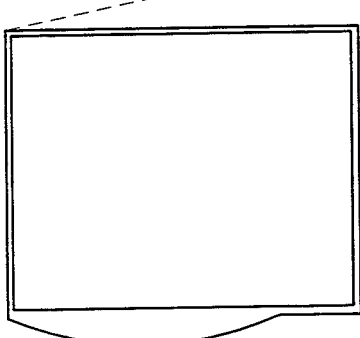
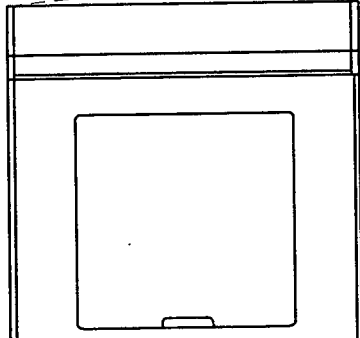
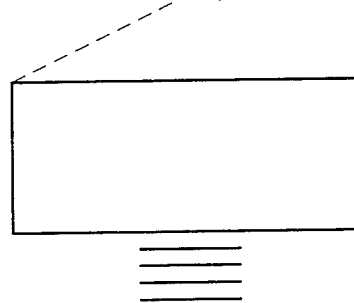
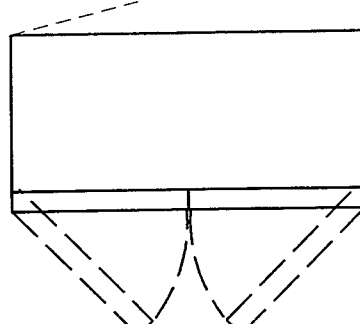
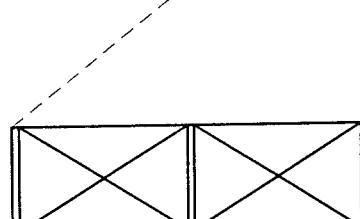
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<p>Architectural:WDFNOS WOOD FINISH ON STUDS Element type: Symbol</p>	<p>Architectural:WDFRAM CONTINUOUS WOOD FRAMING Element type: Symbol</p>	<p>Architectural:WDSHSD WOOD SHINGLES SIDING Element type: Symbol</p>
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<p>Architectural:WFINSH WOOD FINISH Element type: Symbol</p>	<p>Architectural:WINID WINDOW IDENTIFIER Element type: Symbol</p>	<p>Architectural:WOODHB HARDBOARD WOOD Element type: Symbol</p>

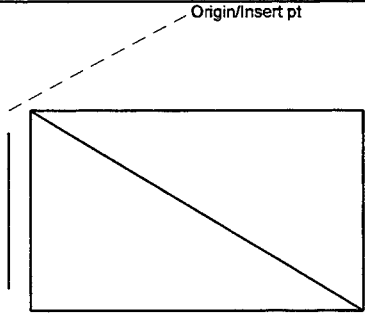
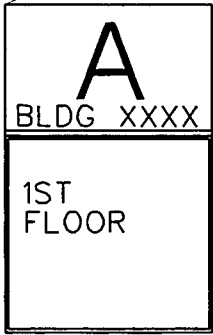
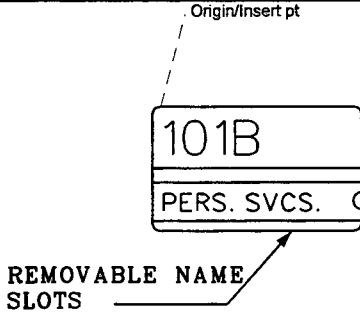
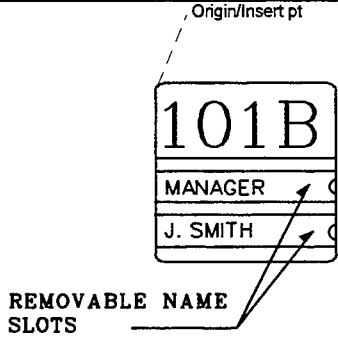
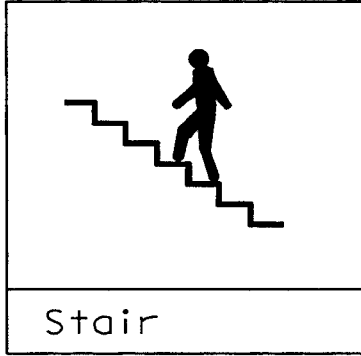
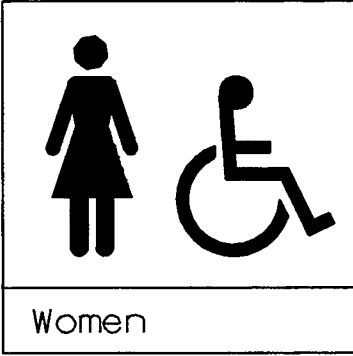
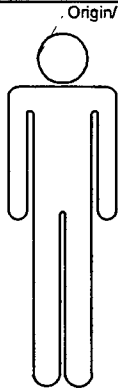
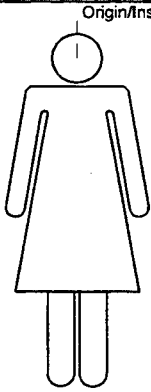
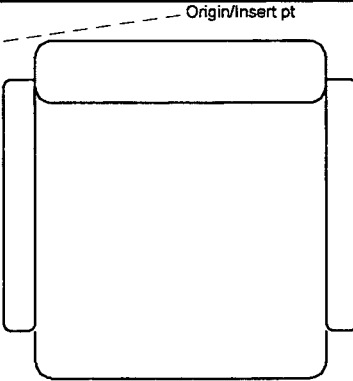
	
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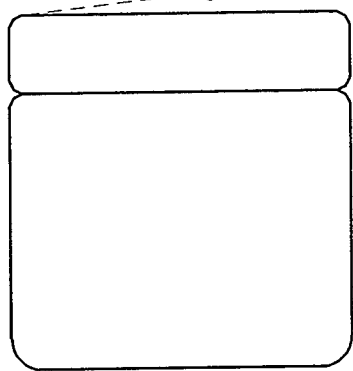
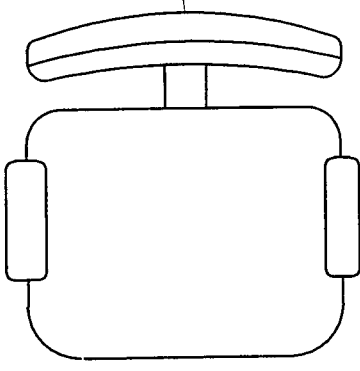
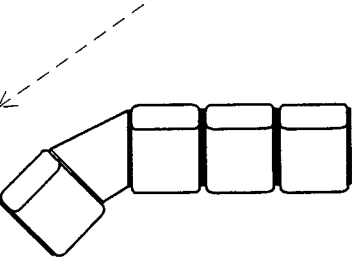
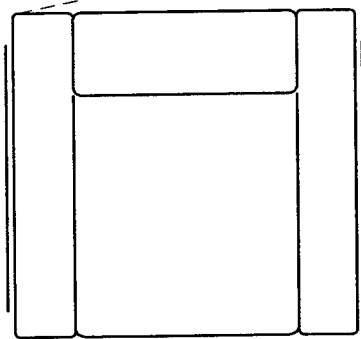
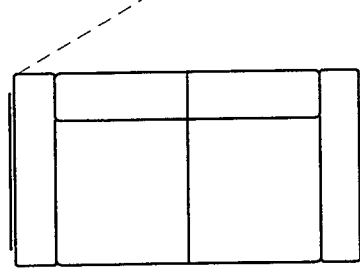
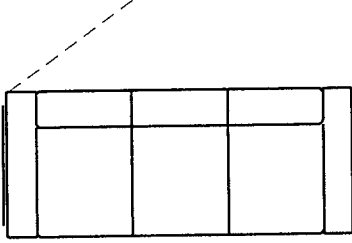
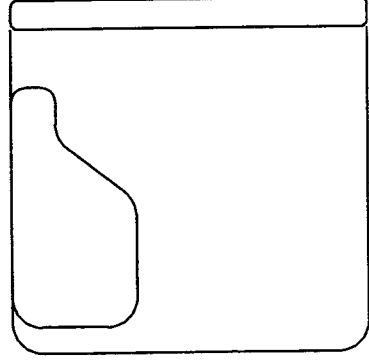
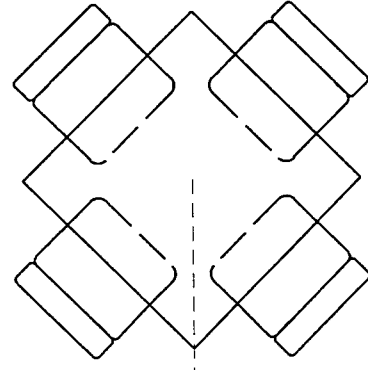

9 Interiors Objects Library

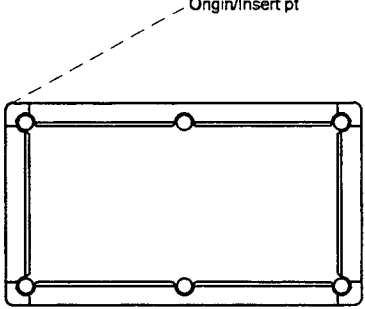
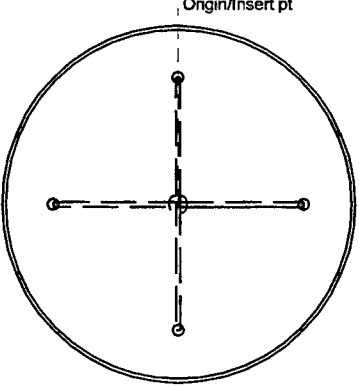
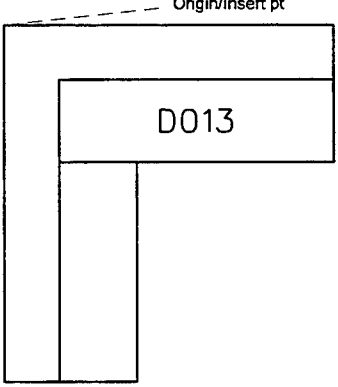
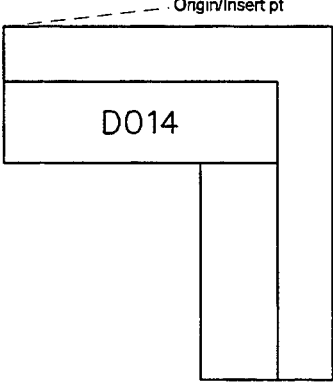
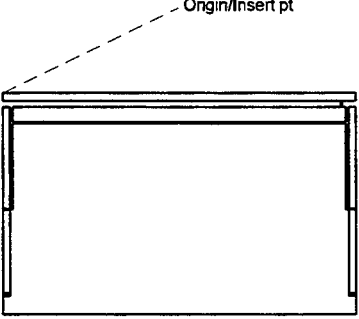
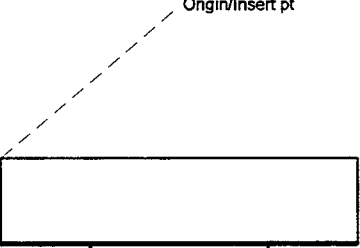
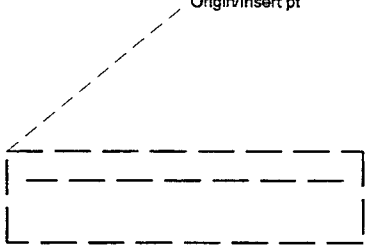
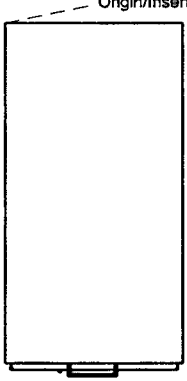
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<p>Interiors: DPFF DESK DOUBLE FILE PEDESTAL Element type: Object</p>	<p>Interiors: DPFL DESK LEFT PEDESTAL Element type: Object</p>	<p>Interiors: DPFR DESK RETURN PEDESTAL FILE Element type: Object</p>
		
<p>Interiors: DSC1 DESK STUDY CARREL SINGLE Element type: Object</p>	<p>Interiors: ECGAME FREESTANDING COMPUTER GAME Element type: Object</p>	<p>Interiors: ECOMCN COMSEC CONTAINER Element type: Object</p>

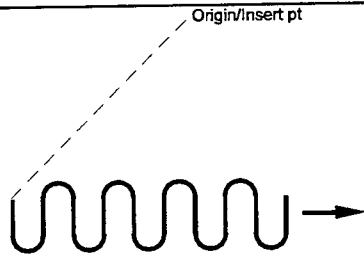
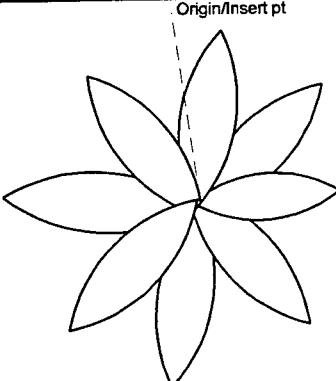
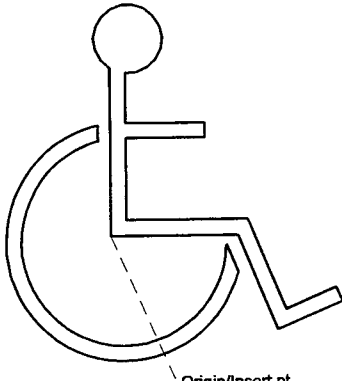
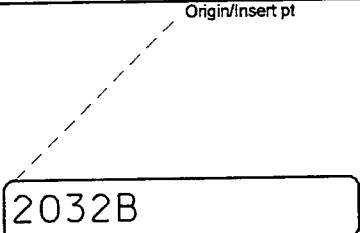
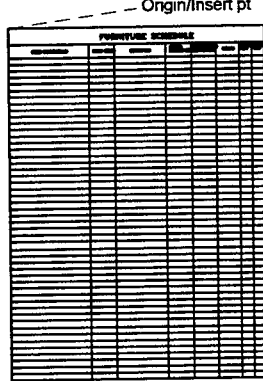
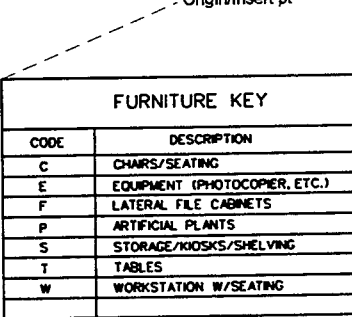
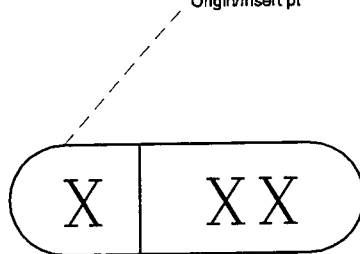
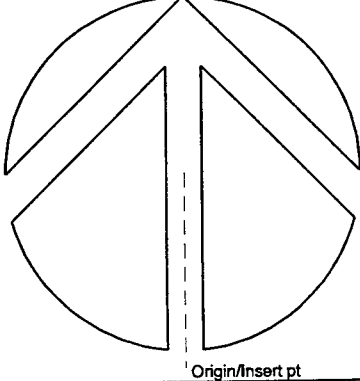
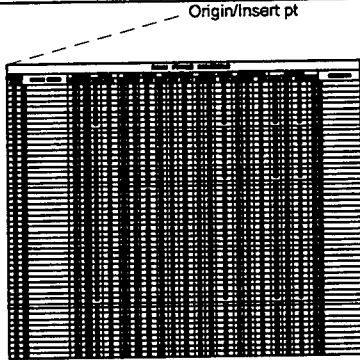
		
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<p>Interiors:F4DL LATERAL FILE CABINET 4 DRAW Element type: Object</p>	<p>Interiors:FC3618 STORAGE CABINET 36W X 18D Element type: Object</p>	<p>Interiors:FE7422 EQUIP SHELUNG 74WX22D BRRKS Element type: Object</p>

		
<p>Interiors: FV1833 VERTICAL FILE 18W X 33D Element type: Object</p>	<p>Interiors: GIDIR DIRECTORY Element type: Object</p>	<p>Interiors: GIIS1 IDENT SIGN WITH 1 SLOT Element type: Object</p>
		
<p>Interiors: GIIS2 IDENT SIGN WITH 2 SLOTS Element type: Object</p>	<p>Interiors: GIPIC1 PICTOGRAM 1 Element type: Object</p>	<p>Interiors: GIPIC2 PICTOGRAM 2 Element type: Object</p>
		
<p>Interiors: GMAN MAN SYM FR RESTROOM SIGNAGE Element type: Object</p>	<p>Interiors: GWOMAN WOMAN SYMFOR RESTRM SGNAGE Element type: Object</p>	<p>Interiors: SDMG T MGMNT CHAIR W ARMS 24WX22D Element type: Object</p>

		
<p>Interiors: SDSEC SECRTRL CHR NO ARMS 23WX22D Element type: Object</p>	<p>Interiors: SDTASK TASK CHAIR Element type: Object</p>	<p>Interiors: SGANG GANG SEATING W TABLE Element type: Object</p>
		
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
9 Interiors Symbols Library

																				
Interiors: ACURTN CURTAIN Element type: Symbol	Interiors: APLANT ARTIFICIAL PLANT Element type: Symbol	Interiors: GHNDPC UNIVERSAL HANDICAP SYMBOL Element type: Symbol																		
		 <table><tr><th colspan="2">FURNITURE KEY</th></tr><tr><th>CODE</th><th>DESCRIPTION</th></tr><tr><td>C</td><td>CHAIRS/SEATING</td></tr><tr><td>E</td><td>EQUIPMENT (PHOTOCOPIER, ETC.)</td></tr><tr><td>F</td><td>LATERAL FILE CABINETS</td></tr><tr><td>P</td><td>ARTIFICIAL PLANTS</td></tr><tr><td>S</td><td>STORAGE/KIOSKS/SHELVING</td></tr><tr><td>T</td><td>TABLES</td></tr><tr><td>W</td><td>WORKSTATION W/SEATING</td></tr></table>	FURNITURE KEY		CODE	DESCRIPTION	C	CHAIRS/SEATING	E	EQUIPMENT (PHOTOCOPIER, ETC.)	F	LATERAL FILE CABINETS	P	ARTIFICIAL PLANTS	S	STORAGE/KIOSKS/SHELVING	T	TABLES	W	WORKSTATION W/SEATING
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W	WORKSTATION W/SEATING																			
Interiors: GIID IDENTIFICATION SIGN Element type: Symbol	Interiors: MFMATL FURNITURE MATERIAL LIST Element type: Symbol	Interiors: MFSCHD FURNITURE SCHEDULE Element type: Symbol																		
																				
Interiors: MFSYMB FURNITURE SYMBOL Element type: Symbol	Interiors: MNORTH NORTH ARROW Element type: Symbol	Interiors: MRSCHD ROOM FINISH SCHEDULE Element type: Symbol																		


-- Origin/Insert pt

LEGEND	
TYPE	DESCRIPTION
A	DIRECTIONALS
B1	IDENTIFICATION
B2	ROOM OCCUPANT SIGN
B3	IDENTIFICATION - SERVICE
C	SERVICE PICTOGRAMS
D	EXTERIOR - ENTRANCE
E	EXTERIOR - EXIT

NUMBER









SIGN TYPE



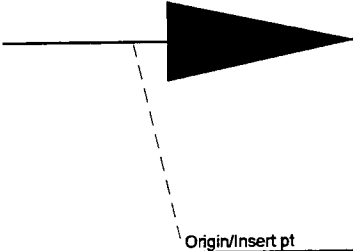
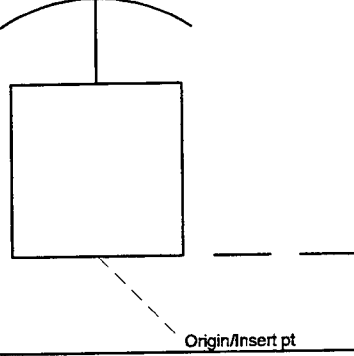
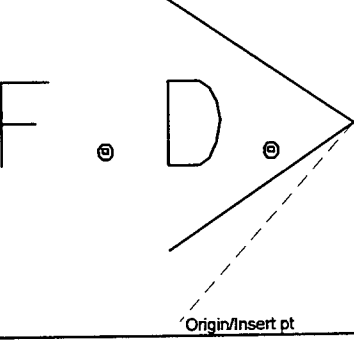
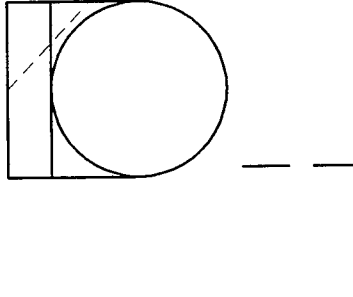
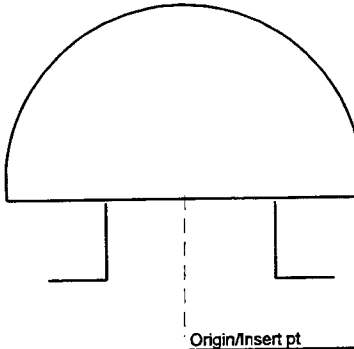
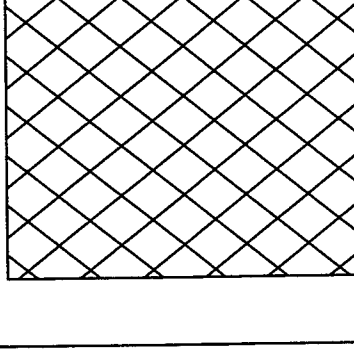
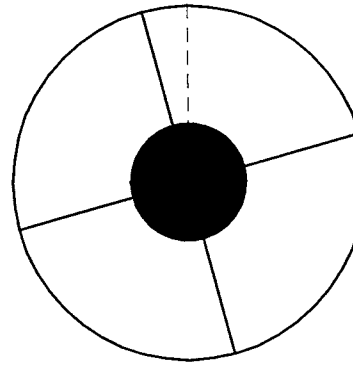
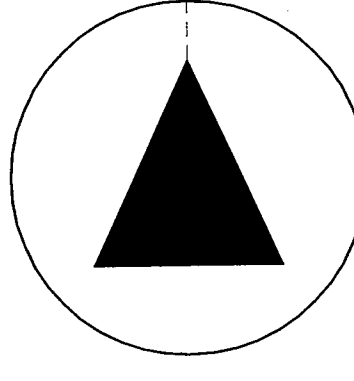
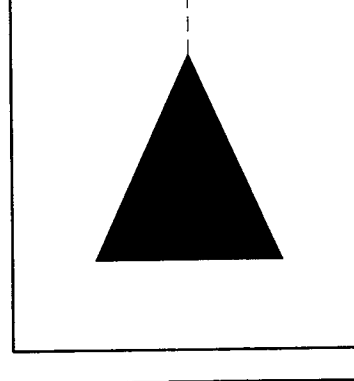
SEE SPECIFICATION 10430
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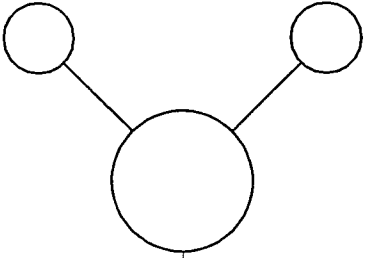
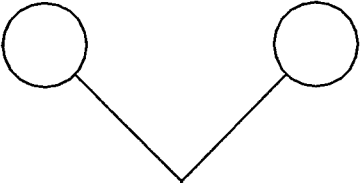


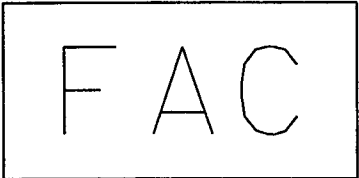




Interiors: MSSCHD
SIGNAGE SCHEDULE
Element type: Symbol


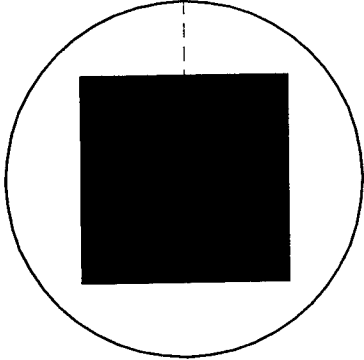
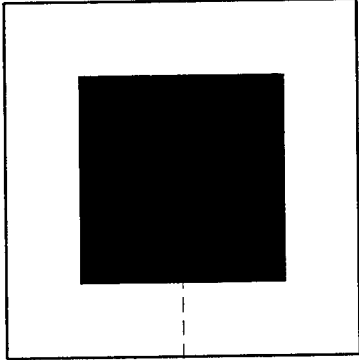
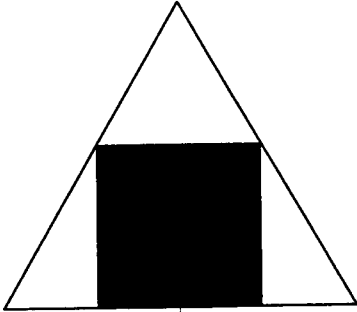
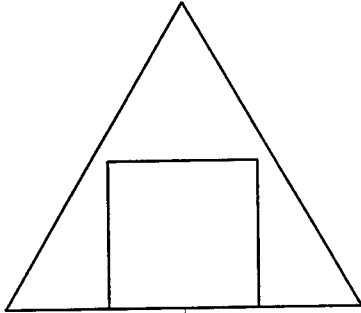
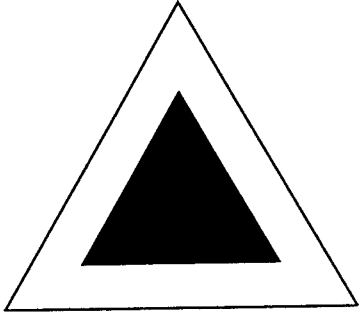
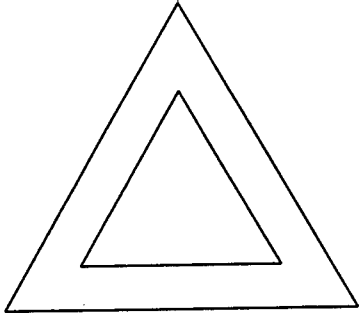
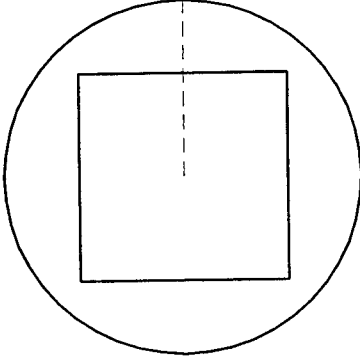
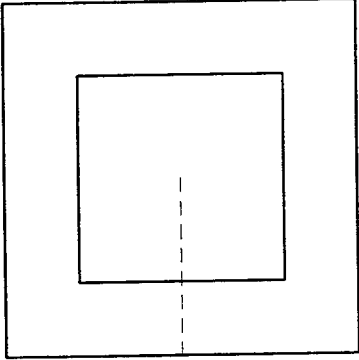
10 Fire Protection Lines Library

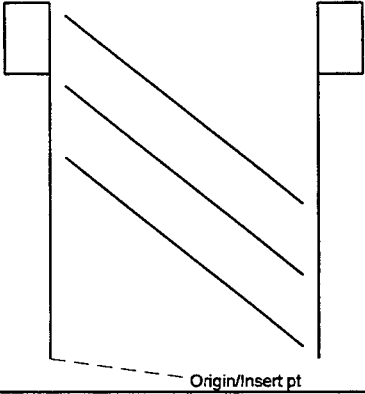
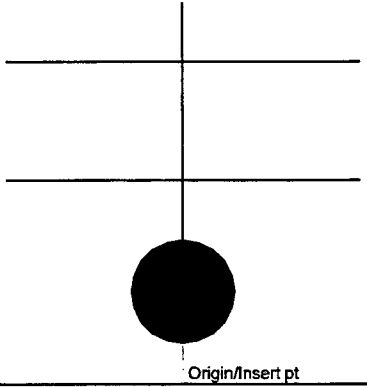
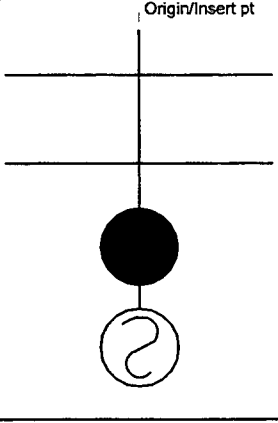
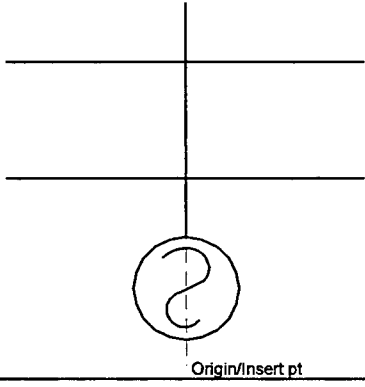
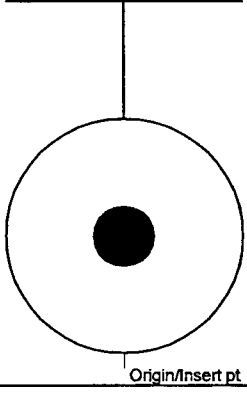
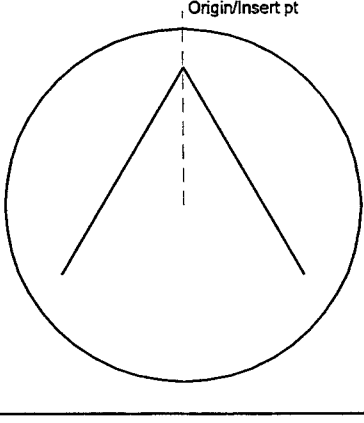
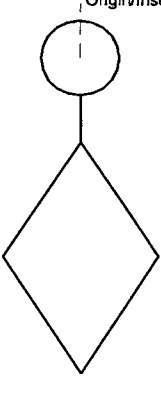
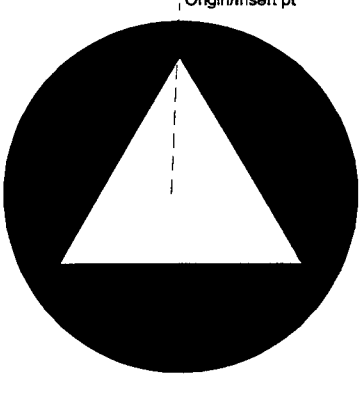
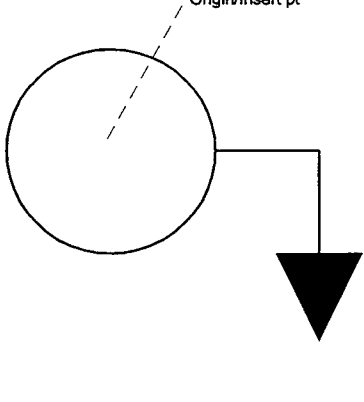
		
Fire Protection: FIRE FIRE PROTECTION WATR SUPPLY Element type: Line	Fire Protection: MANSUC SUCTION MAIN Element type: Line	Fire Protection: SPRINK MAIN SUPPLY SPRINKLER Element type: Line
		
Fire Protection: STDCOM COMBINATION STANDPIPE Element type: Line	Fire Protection: STDDRY DRY STANDPIPE Element type: Line	Fire Protection: STDWET WET STANDPIPE Element type: Line

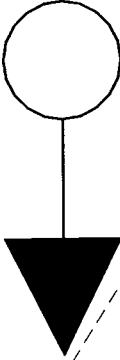
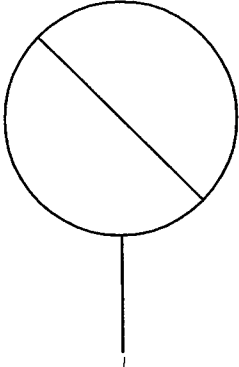
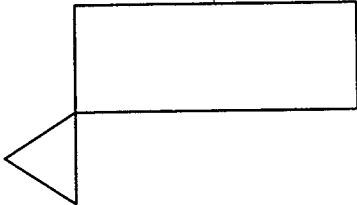
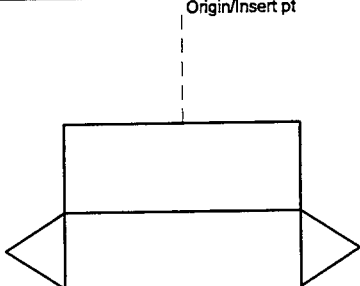
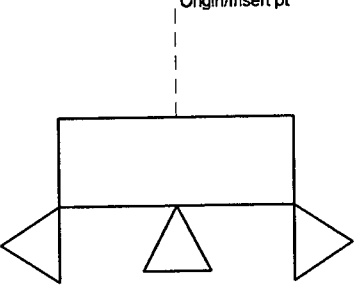
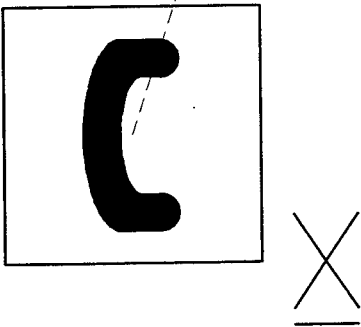
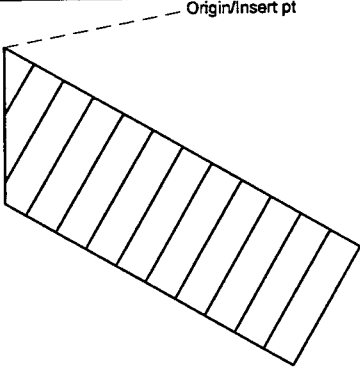
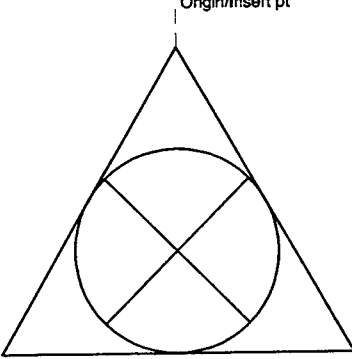
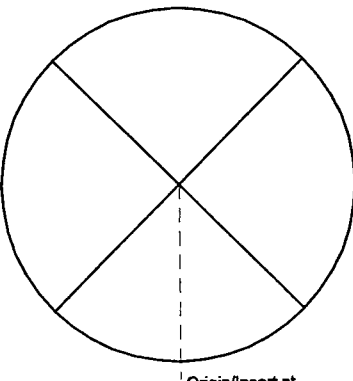
10 Fire Protection Symbols Library

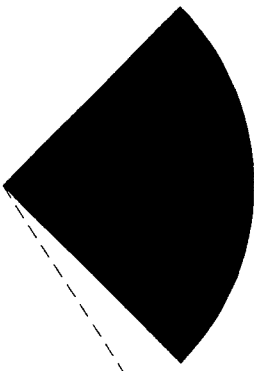
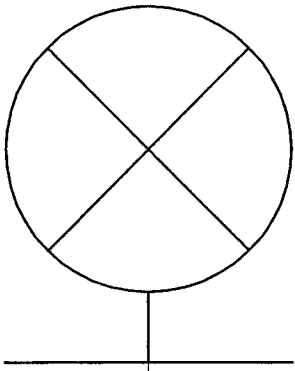
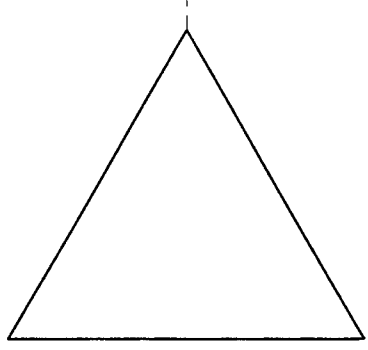
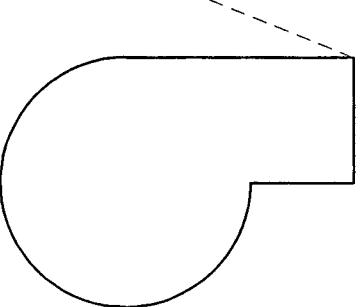
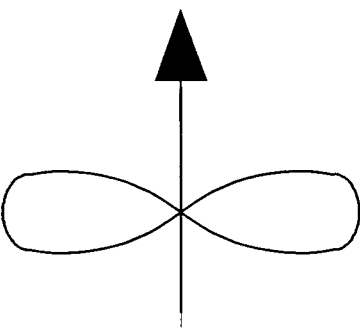
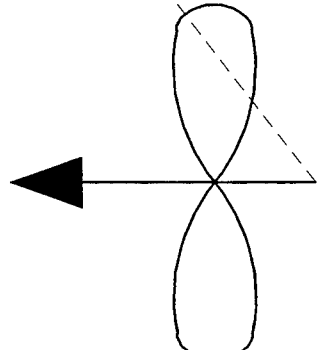



		
<p>Fire Protection:1DIR DIRECTION ARROW Element type: Symbol</p>	<p>Fire Protection:ABORT ABORT SWITCH Element type: Symbol</p>	<p>Fire Protection:ACCESS FIRE DEPARTMENT ACCESS Element type: Symbol</p>
		
<p>Fire Protection:AGSTCN AGENT STORAGE CONTAINER Element type: Symbol</p>	<p>Fire Protection:BELLFA FIRE ALARM BELL Element type: Symbol</p>	<p>Fire Protection:BOILER BOILER Element type: Symbol</p>
		
<p>Fire Protection:CHIMNY CHIMNEY Element type: Symbol</p>	<p>Fire Protection:CO2AA CO2 AUTO ACTUATED EXNGSHR Element type: Symbol</p>	<p>Fire Protection:CO2MA CO2 MAN ACTUATED EXTNGSHR Element type: Symbol</p>

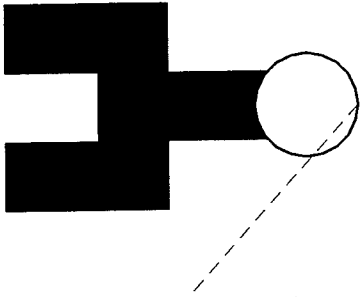
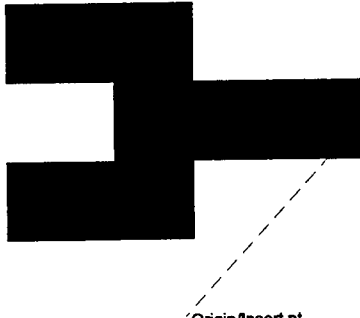
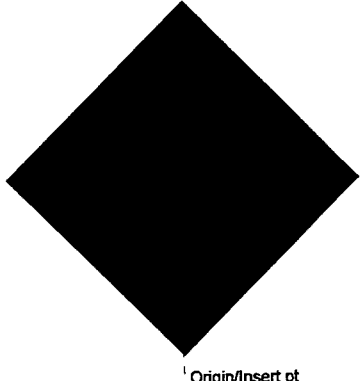
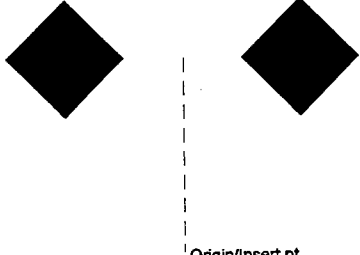

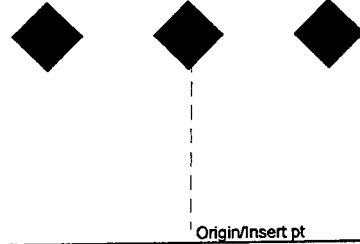
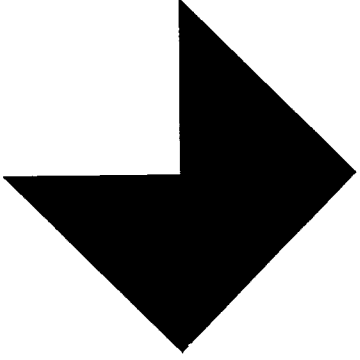
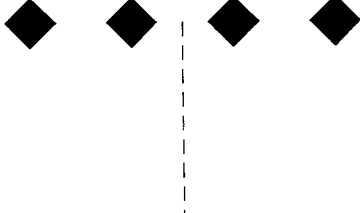
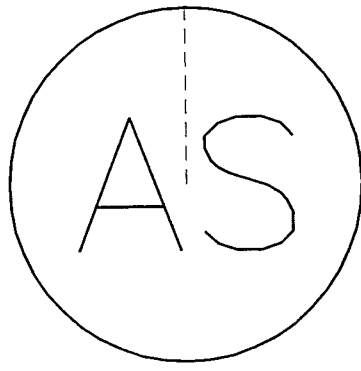
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<p>Origin/Insert pt</p> 	<p>Origin/Insert pt</p> 	<p>Origin/Insert pt</p> 
<p>Fire Protection:CPESR ELEVATOR STATUS RECALL Element type: Symbol</p>	<p>Fire Protection:CPFAC FIRE AL COMMUNICATOR Element type: Symbol</p>	<p>Fire Protection:CPFACP F A CONTROL PANEL Element type: Symbol</p>
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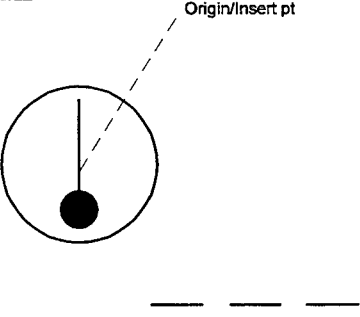
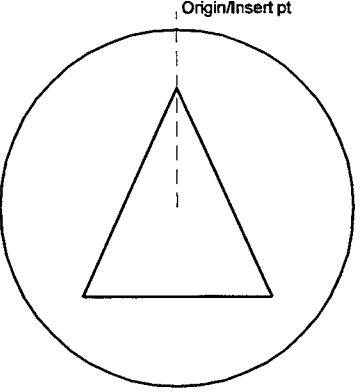
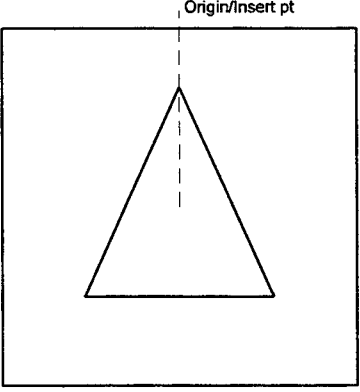
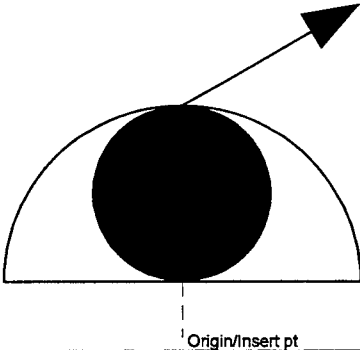
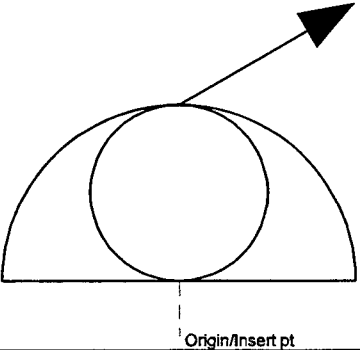
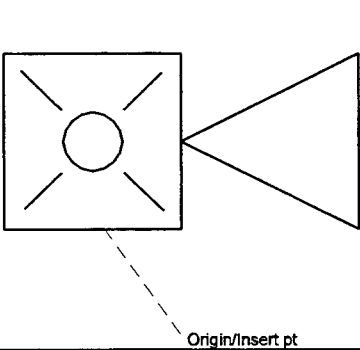
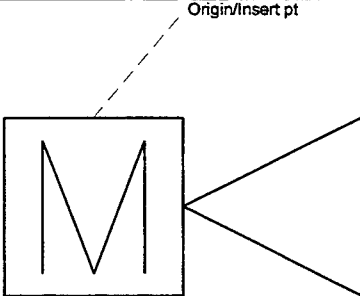
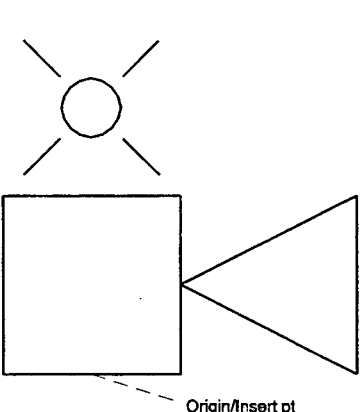
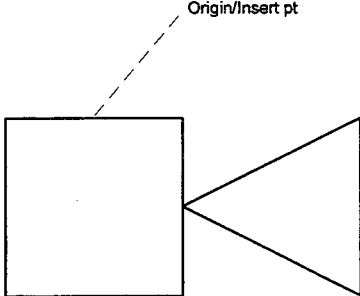
		
Fire Protection:CPHVA CONTROL PANEL HVAC Element type: Symbol	Fire Protection:DCATAA ALLTYPE FIREEXTNGSHRAUTOACT Element type: Symbol	Fire Protection:DCATMA ALLTYPE FIREEXTNGSHR MANACT Element type: Symbol
		
Fire Protection:DCEABC DRY CHEM EXTNGSHR ABC TYPE Element type: Symbol	Fire Protection:DCEBC DRY CHEM EXTNGUISHR BC TYPE Element type: Symbol	Fire Protection:DCECO2 C02 EXTINGUISHER Element type: Symbol
		
Fire Protection:DCEHLN HALON OR CLEANAGENTEXTNGSHR Element type: Symbol	Fire Protection:DCLGAA DRY CHEM AUTO ACT EXTNGSHR Element type: Symbol	Fire Protection:DCLGMA DRY CHEM MAN ACTUATED Element type: Symbol

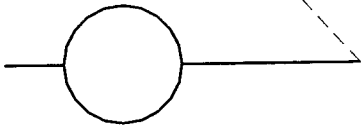
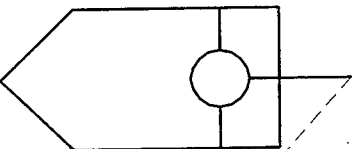
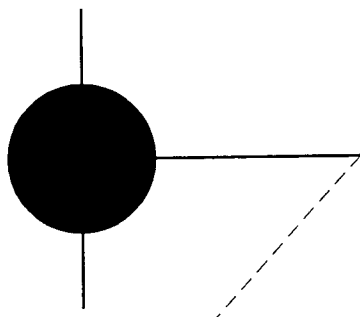
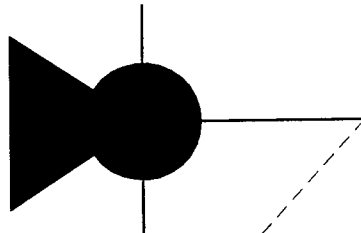
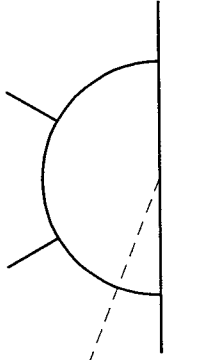
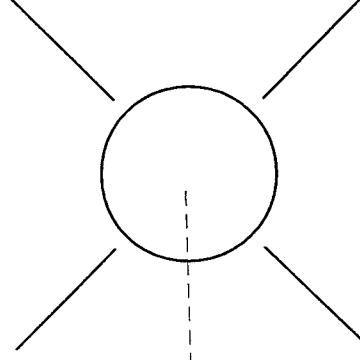
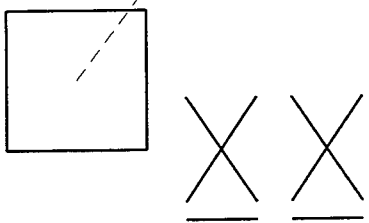
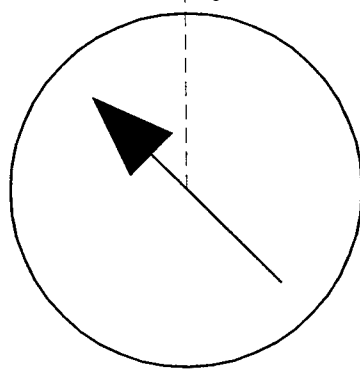
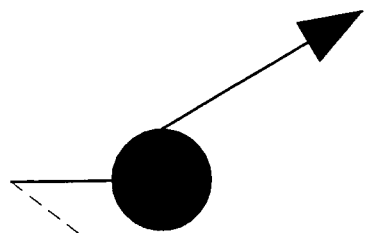
		
<p>Fire Protection:DMPBAR BAROMETRIC DAMPER Element type: Symbol</p>	<p>Fire Protection:DMPFIR FIRE DAMPER Element type: Symbol</p>	<p>Fire Protection:DMPFS FIRE SMOKE DAMPER Element type: Symbol</p>
		
<p>Fire Protection:DMPSMK SMOKE DAMPER Element type: Symbol</p>	<p>Fire Protection:DRHOLD DOOR HOLDER Element type: Symbol</p>	<p>Fire Protection:DTFLAM FLAME DETECTOR Element type: Symbol</p>
		
<p>Fire Protection:DTFLOW FA FLOW DETECTOR Element type: Symbol</p>	<p>Fire Protection:DTGAS FA GAS DETECTOR Element type: Symbol</p>	<p>Fire Protection:DTLEVL FA LEVEL DETECTOR Element type: Symbol</p>

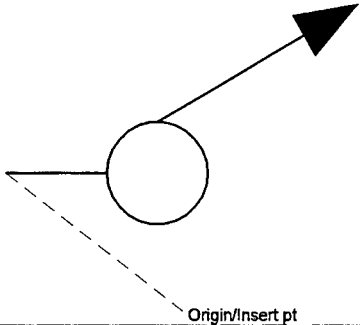
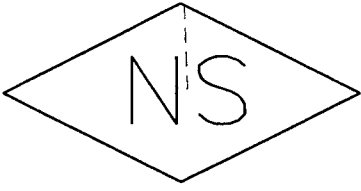
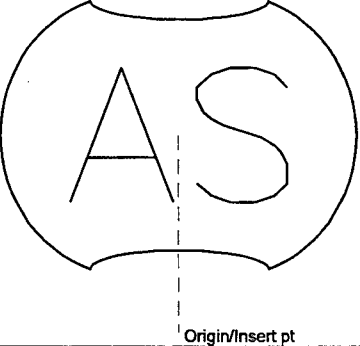
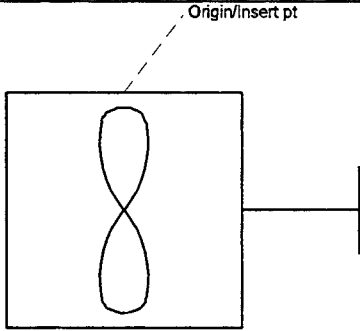
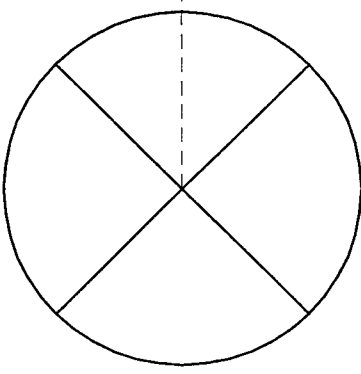
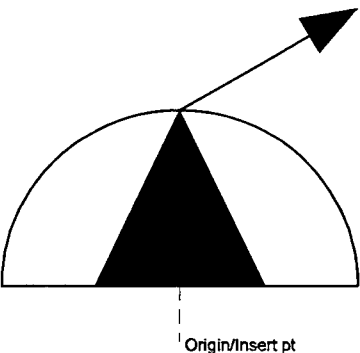
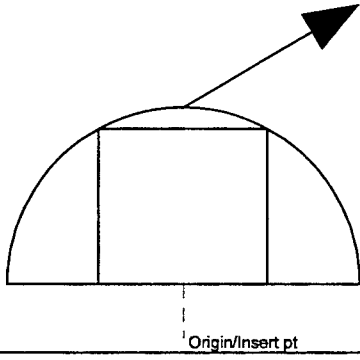
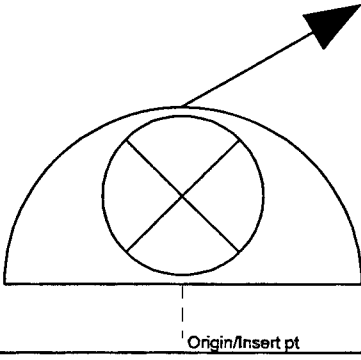
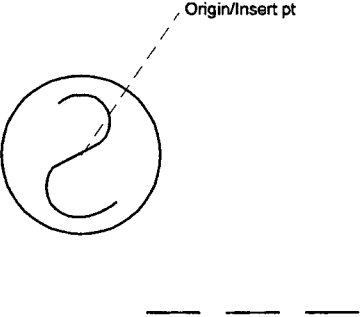
		
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<p>Fire Protection:ELBP2L 2LAMP EMRGNCY LGHTBTTRY PWR Element type: Symbol</p>	<p>Fire Protection:ELBP3L 3LAMP EMRGNCY LGHTBTTRY PWR Element type: Symbol</p>	<p>Fire Protection:EPSTA EMERGENCY PHONE STATION Element type: Symbol</p>
		
<p>Fire Protection:ESCAPE FIRE ESCAPE Element type: Symbol</p>	<p>Fire Protection:EXFOAM FOAM EXTINGUISHER Element type: Symbol</p>	<p>Fire Protection:EXITCM CEILING MNTD EXITSIGN LIGHT Element type: Symbol</p>

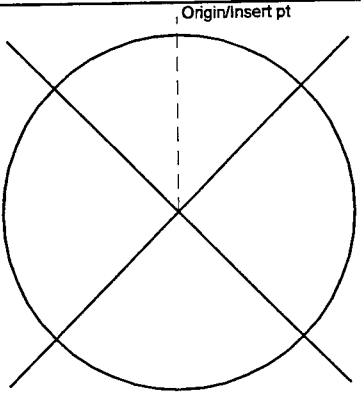
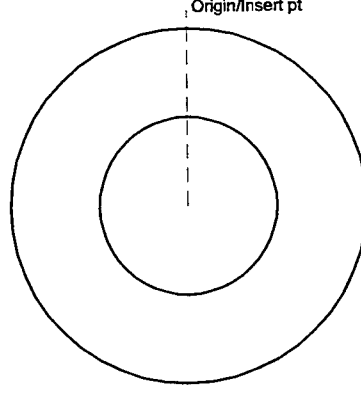
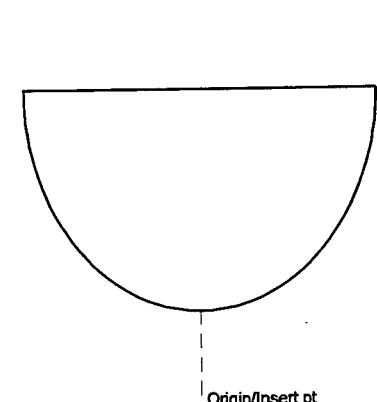
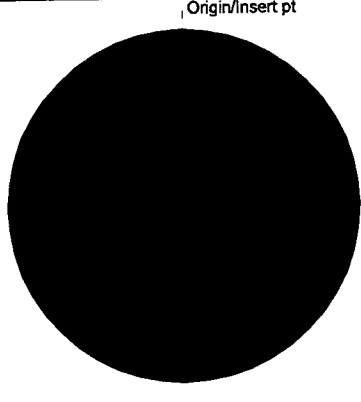
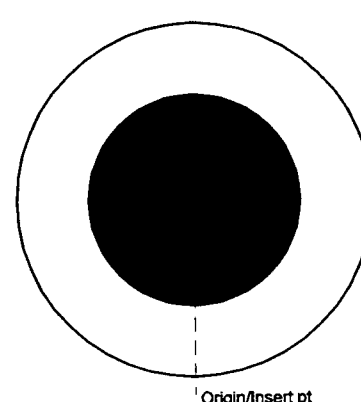
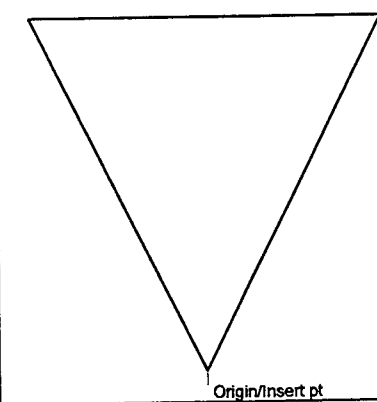
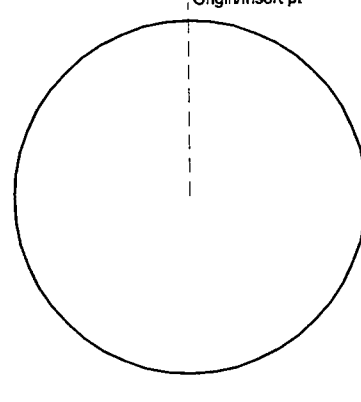
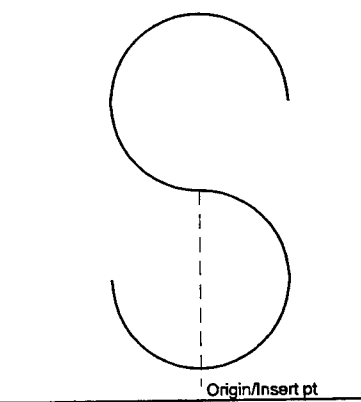
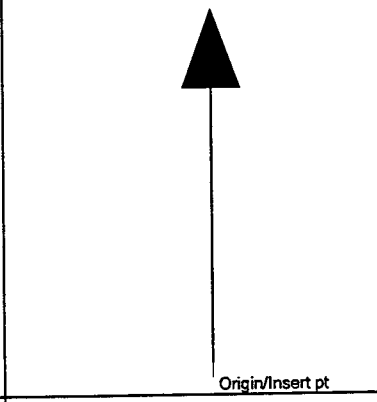
		
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<p>Fire Protection:FANDCT DUCT FAN Element type: Symbol</p>	<p>Fire Protection:FANGEN GENERAL FAN Element type: Symbol</p>	<p>Fire Protection:FANWAL WALL FAN Element type: Symbol</p>
		
<p>Fire Protection:FDOR3 3HR RATED FIRE DOOR IN WALL Element type: Symbol</p>	<p>Fire Protection:FDORL3 WALL W 3 HOUR RATED DOOR Element type: Symbol</p>	<p>Fire Protection:FPDRIV FIRE PUMP WITH DRIVES Element type: Symbol</p>

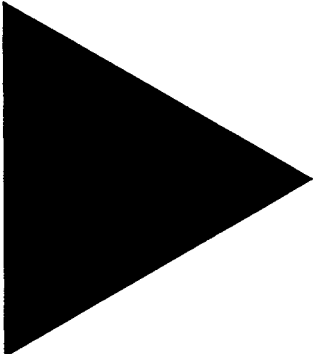
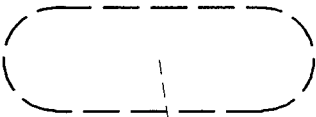

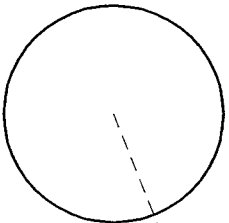
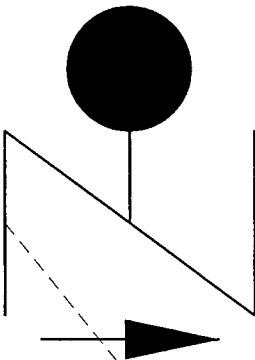
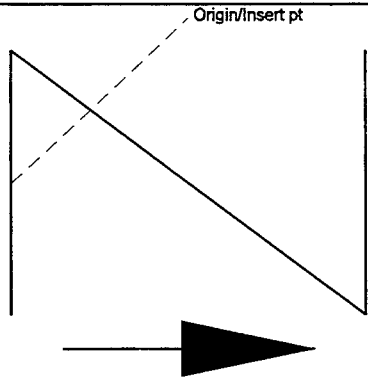
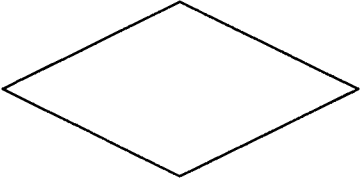
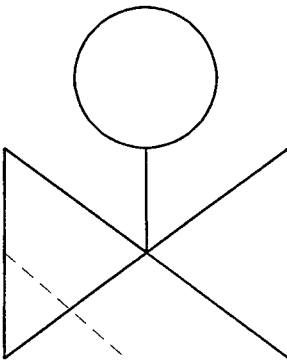
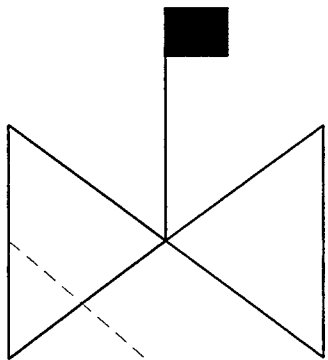
		
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<p>Fire Protection:FRR2HR 2 HR FIRE RATING Element type: Symbol</p>	<p>Fire Protection:FRR30M 30 MIN FIRE RATING Element type: Symbol</p>	<p>Fire Protection:FRR3HR 3 HR FIRE RATING Element type: Symbol</p>
		
<p>Fire Protection:FRR45M 45 MIN FIRE RATING Element type: Symbol</p>	<p>Fire Protection:FRR4HR 4 HR FIRE RATING Element type: Symbol</p>	<p>Fire Protection:FULLSS FULLY SPRINKLERED SPACE Element type: Symbol</p>

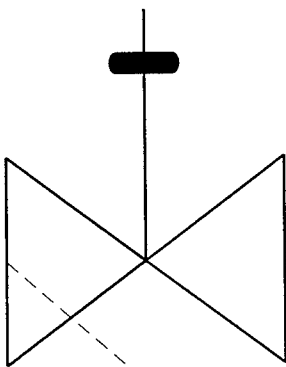
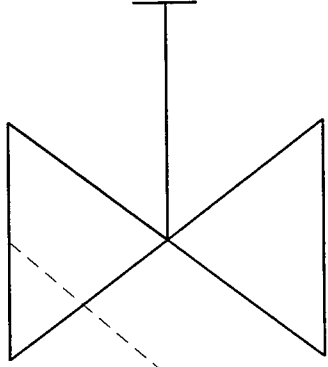
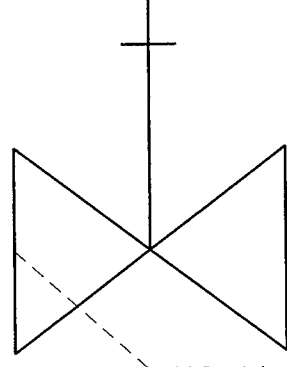
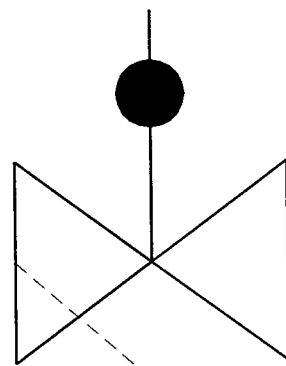
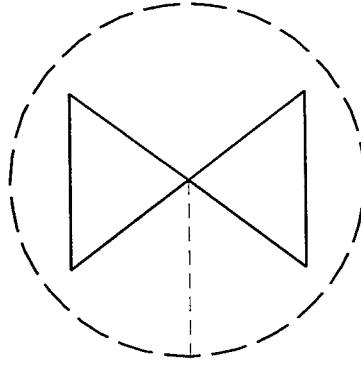
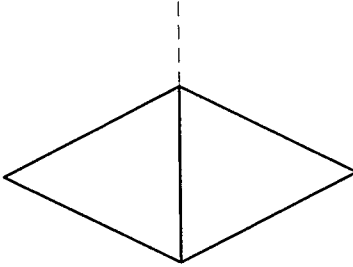
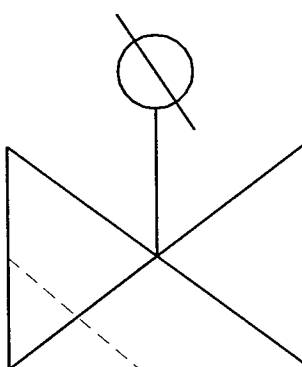
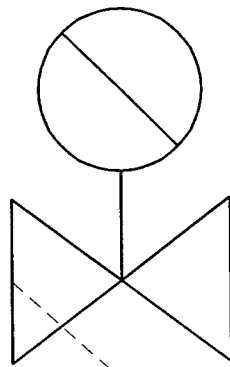
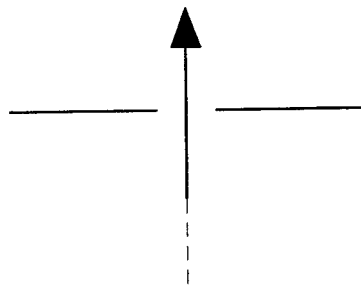
		
<p>Fire Protection:HD HEAT DETECTOR Element type: Symbol</p>	<p>Fire Protection:HLNAA AUTO ACT HALON EXTINGUISHER Element type: Symbol</p>	<p>Fire Protection:HLNMA MAN ACT HALON EXTNGSHR Element type: Symbol</p>
		
<p>Fire Protection:HOSECS HOSE STATION CHRGD STNDPIPE Element type: Symbol</p>	<p>Fire Protection:HOSEDS HOSE STATION DRY STANDPIPE Element type: Symbol</p>	<p>Fire Protection:HRN1A HORN LIGHT 1 ASSY Element type: Symbol</p>
		
<p>Fire Protection:HRNMIN MINI HORN Element type: Symbol</p>	<p>Fire Protection:HRNSA SEPARATE ASSEMBLY HORN LGHT Element type: Symbol</p>	<p>Fire Protection:HRNSPK HORN SPEAKER Element type: Symbol</p>

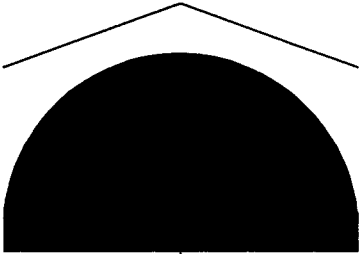
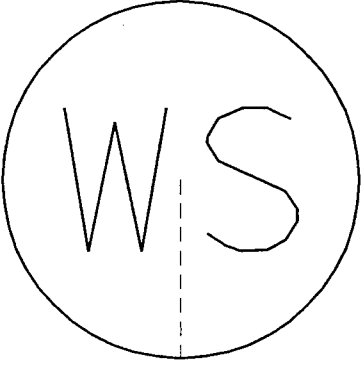
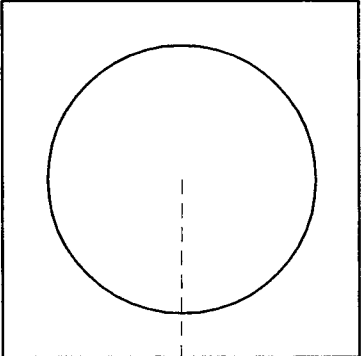
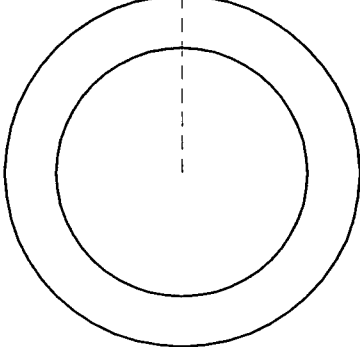
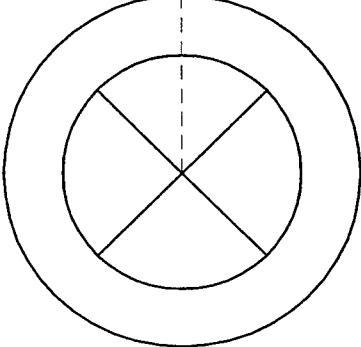
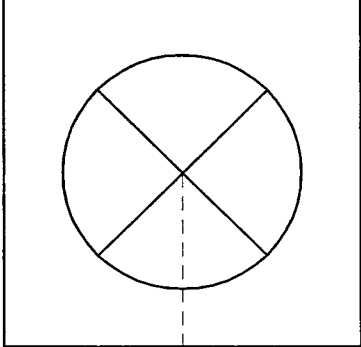
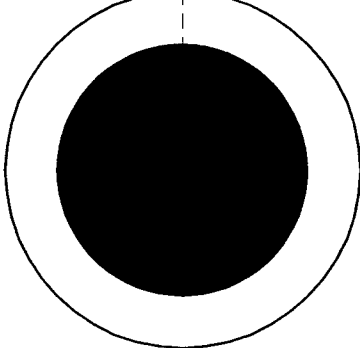
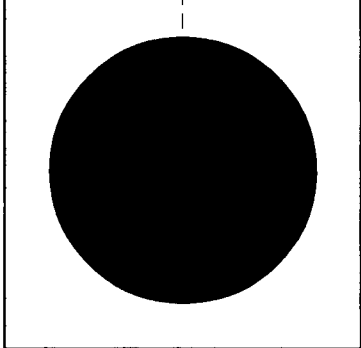
		
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<p>Fire Protection:HYDPUP PUBHYDRNT2HOSOUTLTPMPCONN Element type: Symbol</p>	<p>Fire Protection:HYDW2H WALL HYDRANT 2 HOSE OUTLET Element type: Symbol</p>	<p>Fire Protection:LITFAS FA STROBE LIGHT Element type: Symbol</p>
		
<p>Fire Protection:MANSTA MANUAL STATION Element type: Symbol</p>	<p>Fire Protection:METRFP FP METER Element type: Symbol</p>	<p>Fire Protection:MNCHRG MONITOR NOZZLE CHARGED Element type: Symbol</p>

		
<p>Fire Protection:MNDRY MONITOR NOZZLE DRY Element type: Symbol</p>	<p>Fire Protection:NONSS NONSPRINKLERED SPACE Element type: Symbol</p>	<p>Fire Protection:PARTSS PARTIALLY SPRINKLERED SPACE Element type: Symbol</p>
		
<p>Fire Protection:PURGE MANUAL PURGE CONTROL Element type: Symbol</p>	<p>Fire Protection:RISER RISER Element type: Symbol</p>	<p>Fire Protection:RSC02 C02 REEL STATION Element type: Symbol</p>
		
<p>Fire Protection:RSDRYC DRY CHEMICAL REEL STATION Element type: Symbol</p>	<p>Fire Protection:RSFOAM FOAM REEL STATION Element type: Symbol</p>	<p>Fire Protection:SD SMOKE DETECTOR Element type: Symbol</p>

		
Fire Protection:SHGARD SPRINKLER HEAD W GUARD Element type: Symbol	Fire Protection:SHNUU NIPPLED UP UPRIGHT SPRNKLR Element type: Symbol	Fire Protection:SHOUT OUTSIDE SPRINKLER HEAD Element type: Symbol
		
Fire Protection:SHPEND PENDENT SPRINKLER HEAD Element type: Symbol	Fire Protection:SHPNDN PENDENTSPRINKLR DROP NIPPL Element type: Symbol	Fire Protection:SHSIDE SIDEWALL SPRINKLER HEAD Element type: Symbol
		
Fire Protection:SHUPRT UPRIGHT SPRINKLER HEAD Element type: Symbol	Fire Protection:SMKBR SMOKE BARRIER Element type: Symbol	Fire Protection:SSNOZZ SPECIAL SPRAY NOZZLE Element type: Symbol

		
<p>Fire Protection:THRUST THRUST BLOCK Element type: Symbol</p>	<p>Fire Protection:TNKBG TANK BELOW GROUND Element type: Symbol</p>	<p>Fire Protection:TNKHAG TANK HORIZ ABOVE GROUND Element type: Symbol</p>
		
<p>Fire Protection:TNKVAG TANK VERTICAL ABOVE GROUND Element type: Symbol</p>	<p>Fire Protection:VLVCHA ALARM CHECK VALVE Element type: Symbol</p>	<p>Fire Protection:VLVCHK CHECK VALVE Element type: Symbol</p>
		
<p>Fire Protection:VLVDEL DELUGE VALVE Element type: Symbol</p>	<p>Fire Protection:VLVDRY DRY PIPE VALVE Element type: Symbol</p>	<p>Fire Protection:VLVIBF INDICATING BUTTERFLY VALVE Element type: Symbol</p>

		
<p>Fire Protection:VLVKEY KEY OPERATED VALVE Element type: Symbol</p>	<p>Fire Protection:VLVNON VALVE NONRISING STEM Element type: Symbol</p>	<p>Fire Protection:VLVOSY OS Y VALVE Element type: Symbol</p>
		
<p>Fire Protection:VLVPI POST INDICATOR VALVE Element type: Symbol</p>	<p>Fire Protection:VLVPIT VALVE IN PIT Element type: Symbol</p>	<p>Fire Protection:VLVPRE PREACTION VALVE Element type: Symbol</p>
		
<p>Fire Protection:VLVQOD VALVE W QUICK OPENING DEVICE Element type: Symbol</p>	<p>Fire Protection:VLVTD VALVE TAMPERDETECTION SWTC Element type: Symbol</p>	<p>Fire Protection:VNTOPN VENTILATION OPENINGS Element type: Symbol</p>


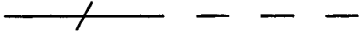




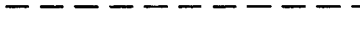

		
<p>Fire Protection:WALARM WATER MOTOR ALARM Element type: Symbol</p>	<p>Fire Protection:WATRSS WATER SPRAY SYSTEM Element type: Symbol</p>	<p>Fire Protection:WBD SMA WATER BASED DRY SYS MAN ACT Element type: Symbol</p>
		
<p>Fire Protection:WBD SSA WATERBASED DRY SYS AUTO ACT Element type: Symbol</p>	<p>Fire Protection:WBF SAA WATR BASED FOAM SYS AUTOACT Element type: Symbol</p>	<p>Fire Protection:WBF SMA WATR BASED FOAM SYS MANACT Element type: Symbol</p>
		
<p>Fire Protection:WBWSAA WATERBASED WET SYS AUTO ACT Element type: Symbol</p>	<p>Fire Protection:WBWSMA WATER BASED WET SYS MAN ACT Element type: Symbol</p>	

11 Plumbing Lines Library

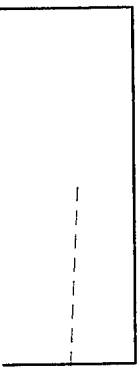
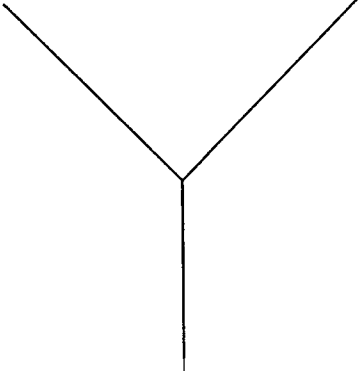
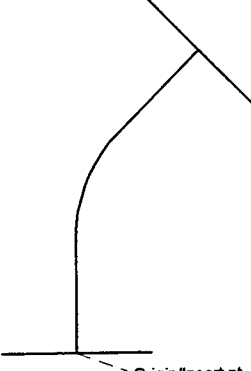
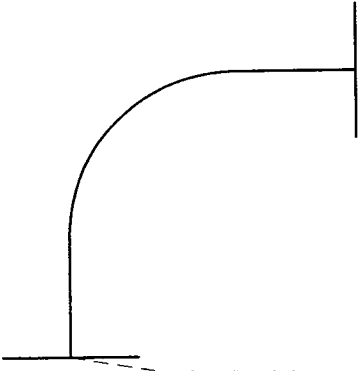
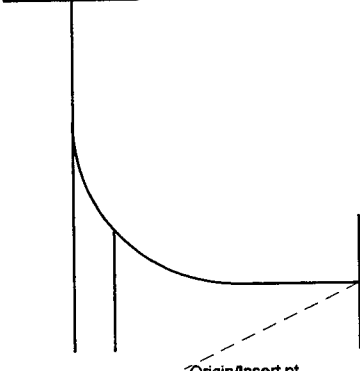
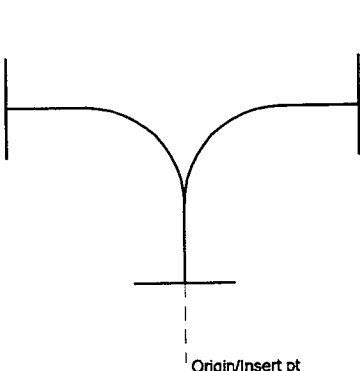
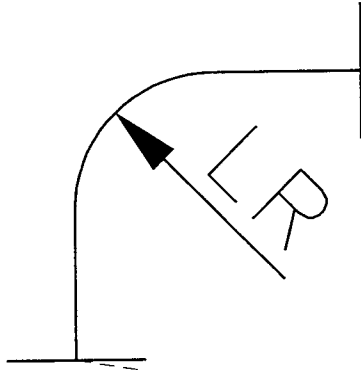
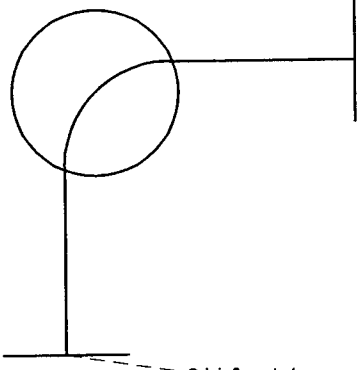
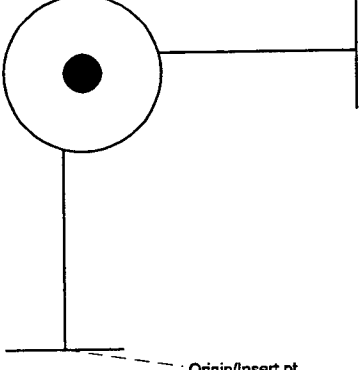
<p>———— C D ————</p>	<p>-----</p>	<p>———— A ————</p>
Plumbing:CDRNAF CONDENSATE DRAIN Element type: Line	Plumbing:CLDWTR POTABLE COLD WATER Element type: Line	Plumbing:CMPAIR COMPRESSED AIR Element type: Line
<p>———— D E ————</p>	<p>———— D I ————</p>	<p>———— F ————</p>
Plumbing:DIEWTR DEIONIZED WATER Element type: Line	Plumbing:DSTWTR DISTILLED WATER Element type: Line	Plumbing:FIRE FIRE PROTECTION WATR SUPPLY Element type: Line
<p>———— F O R ————</p>	<p>———— F O S ————</p>	<p>———— F O V ————</p>
Plumbing:FUELOR FUEL OIL RETURN Element type: Line	Plumbing:FUELOS FUEL OIL SUPPLY Element type: Line	Plumbing:FUELOV FUEL OIL TANK VENT Element type: Line

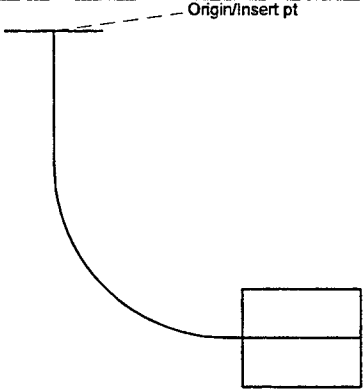
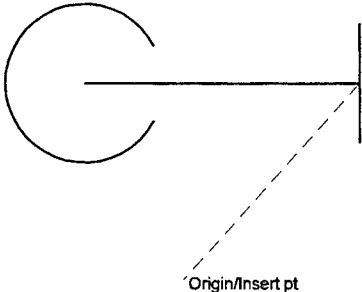
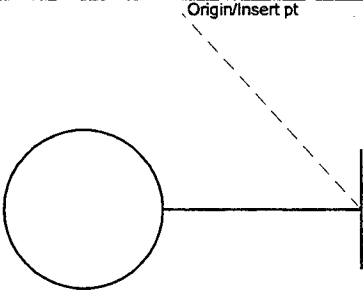
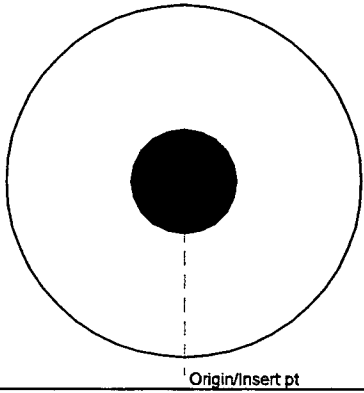
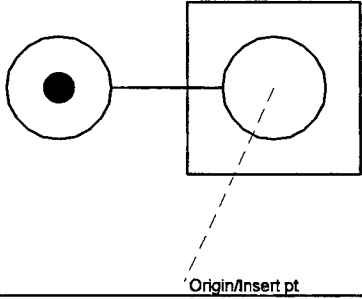
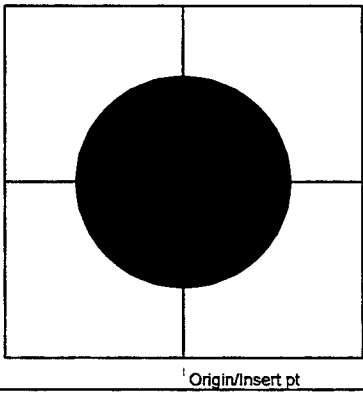
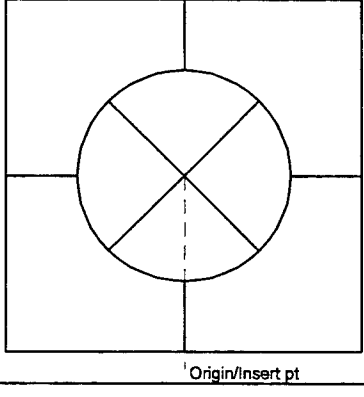
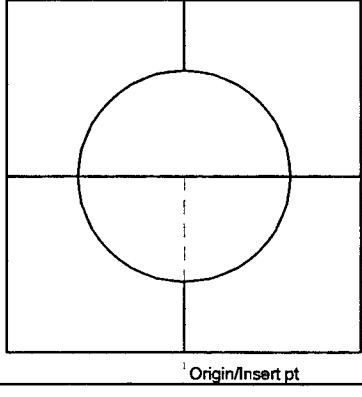
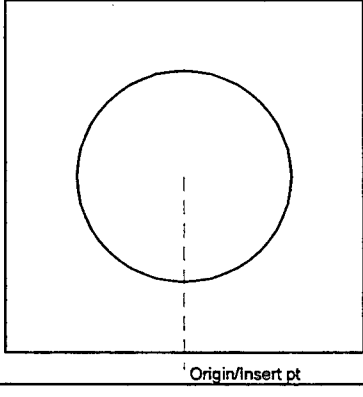
<p>———— H E ————</p>	<p>———— ————</p>	<p>———— ————</p>
Plumbing:HELIUM HELIUM Element type: Line	Plumbing:HWTR POTABLE HOT WATER Element type: Line	Plumbing:HWTRR POTABLE HOT WATER RETURN Element type: Line
<p>———— H ————</p>	<p>———— I C W ————</p>	<p>———— I H R ————</p>
Plumbing:HYDRGN HYDROGEN Element type: Line	Plumbing:ICWTR INDUSTRIAL COLD WATER Element type: Line	Plumbing:IHWTRR INDUSTRIAL HOT WATER RETURN Element type: Line
<p>———— I H W ————</p>	<p>———— I D ————</p>	<p>———— L N ————</p>
Plumbing:IHWTRS INDUSTRIAL HOT WATER SUPPLY Element type: Line	Plumbing:INDDRN INDIRECT DRAIN Element type: Line	Plumbing:LIQNIT LIQUID NITROGEN Element type: Line

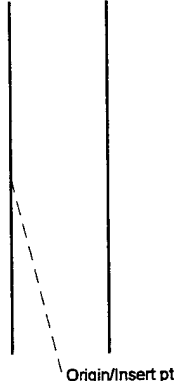
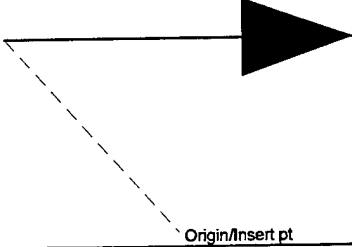
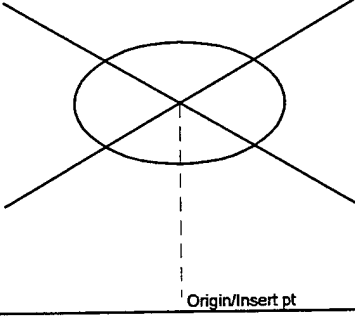
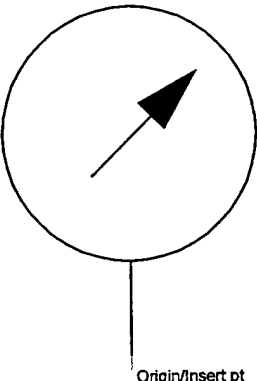
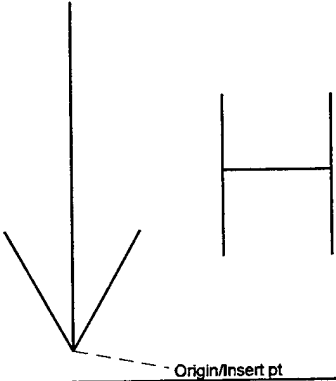
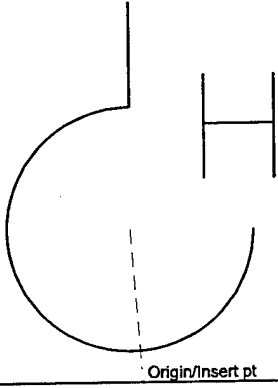
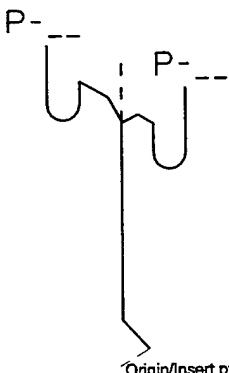
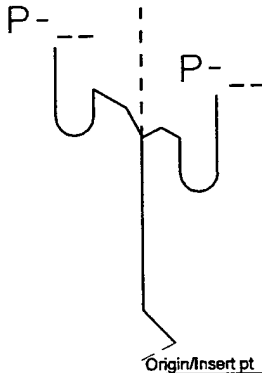
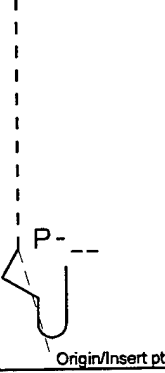
<p>—— L O X ——</p>	<p>—— L P G ——</p>	<p>—— N O ——</p>
Plumbing: LIQOXY LIQUID OXYGEN Element type: Line	Plumbing: LIQPET LIQUID PETROLEUM GAS Element type: Line	Plumbing: NITOXI NITROUS OXIDE Element type: Line
<p>—— N ——</p>	<p>—— N P W ——</p>	<p>—— G ——</p>
Plumbing: NITROG NITROGEN Element type: Line	Plumbing: NONPOT NONPOTABLE WATER Element type: Line	Plumbing: NTGASN NATURAL GAS Element type: Line
<p>—— O X ——</p>	<p>—— P N ——</p>	<p>—— R D ——</p>
Plumbing: OXYGEN OXYGEN Element type: Line	Plumbing: PNTUBE PNEUMATIC TUBE RUNS Element type: Line	Plumbing: ROOFDN ROOF DRAIN Element type: Line

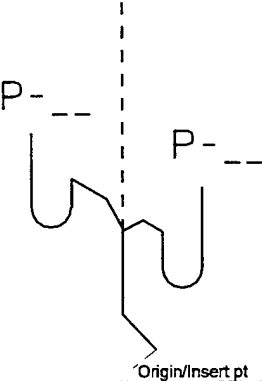
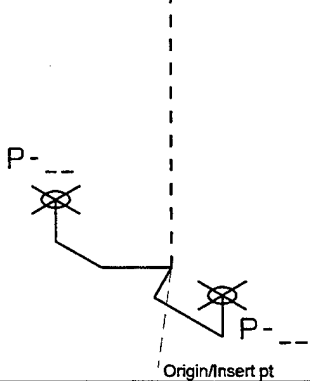
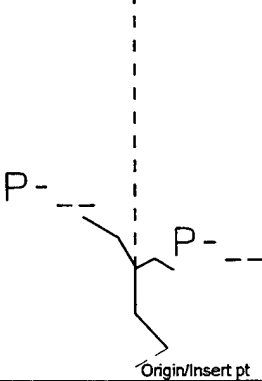
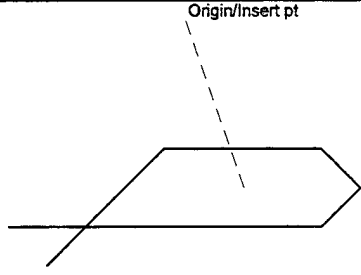
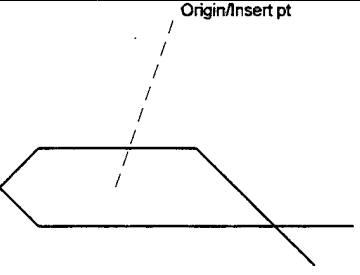
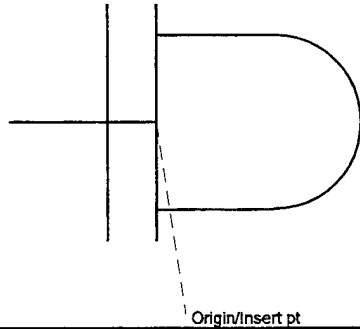
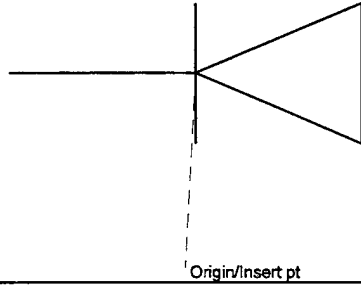
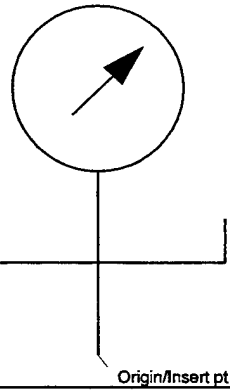
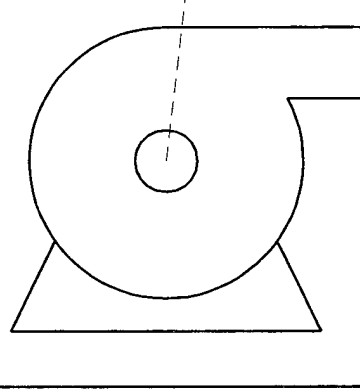
		
Plumbing:SFCWTR SOFT WATER Element type: Line	Plumbing:SHWTRR SANITIZING HOT WATER RETURN Element type: Line	Plumbing:SHWTRS SANITIZING HOT WATER SUPPLY Element type: Line
		
Plumbing:SSWAF SANITARY SEWER Element type: Line	Plumbing:STRAF STORM DRAIN Element type: Line	Plumbing:VACAIR VACUUM AIR Element type: Line
		
Plumbing:VENT VENT Element type: Line	Plumbing:VENTWS VENT AND WASTE COMBINATION Element type: Line	

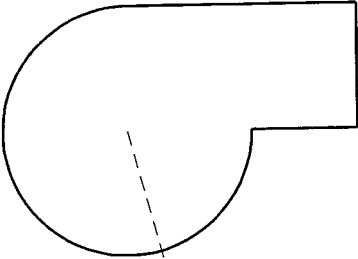
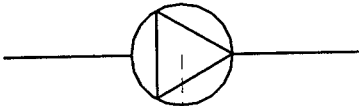
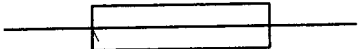
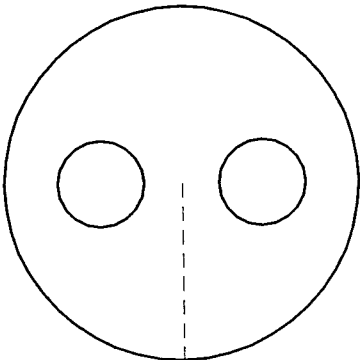
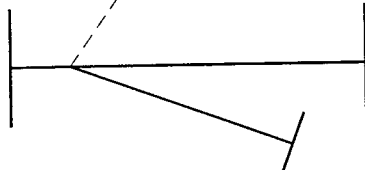
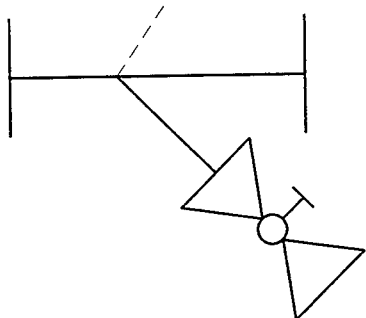
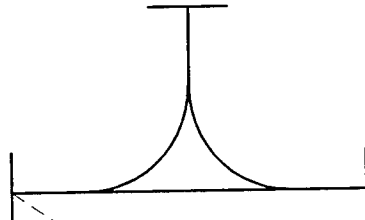

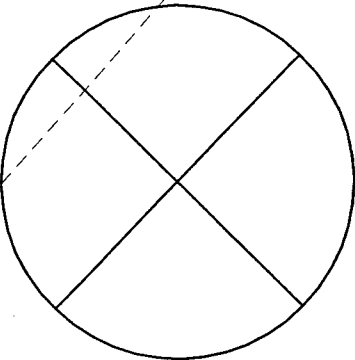
11 Plumbing Symbols Library

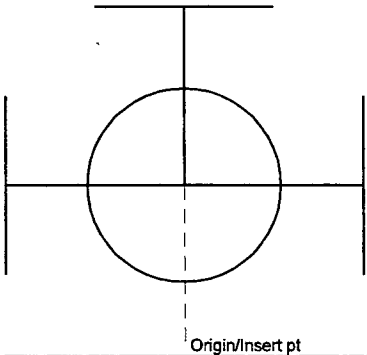
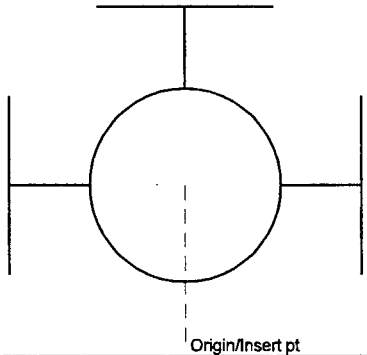
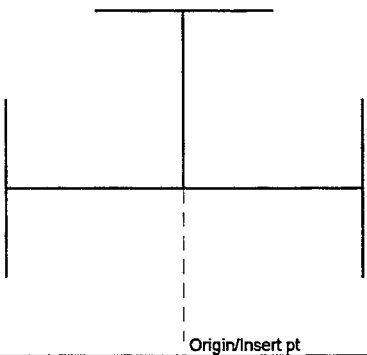
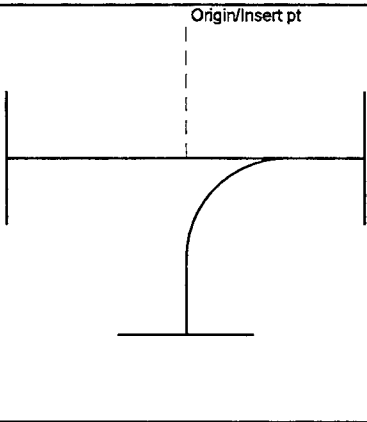
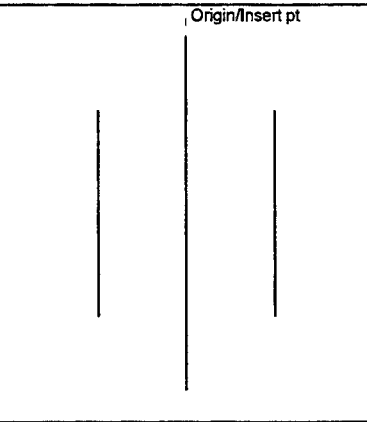
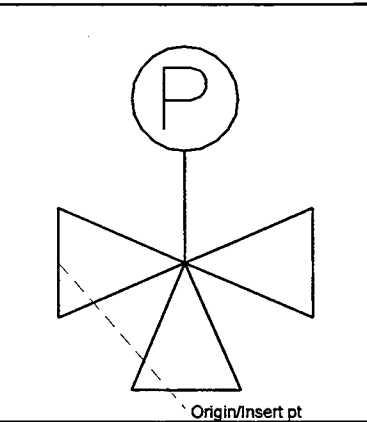
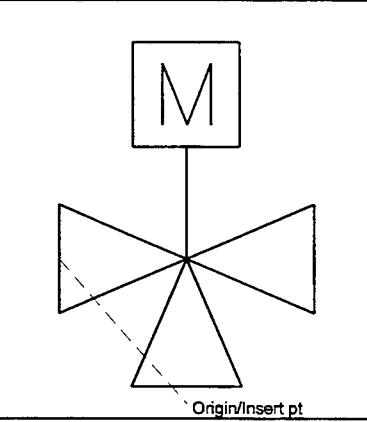
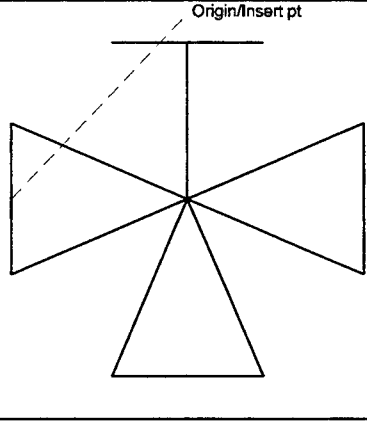
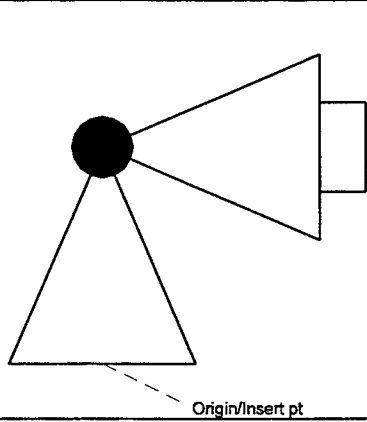
		
<p>Plumbing:CAPSC CAP Element type: Symbol</p>	<p>Plumbing:DRNFUN OPEN DRAIN FUNNEL Element type: Symbol</p>	<p>Plumbing:EL45SC 45 DEGREE ELBOW Element type: Symbol</p>
		
<p>Plumbing:EL90SC 90 DEGREE ELBOW Element type: Symbol</p>	<p>Plumbing:ELBSC BASE ELBOW Element type: Symbol</p>	<p>Plumbing:ELDBSC DOUBLE BRANCH ELBOW Element type: Symbol</p>
		
<p>Plumbing:ELLRSC LONG RADIUS ELBOW Element type: Symbol</p>	<p>Plumbing:ELODSC ELBOW SIDE OUTLET DOWN Element type: Symbol</p>	<p>Plumbing:ELOUSC ELBOW SIDE OUTLET UP Element type: Symbol</p>

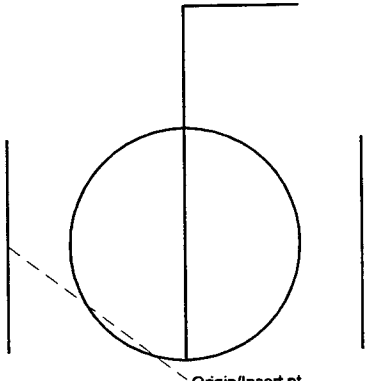
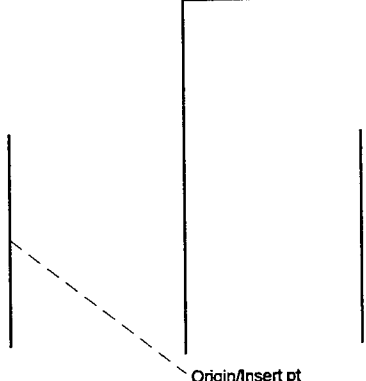
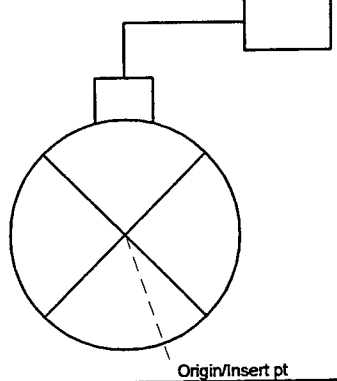
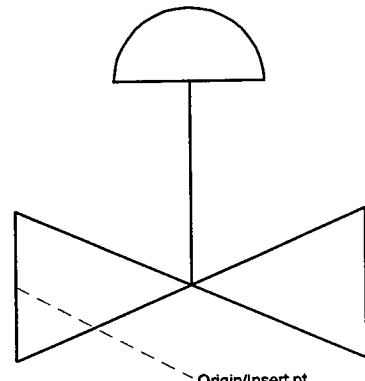
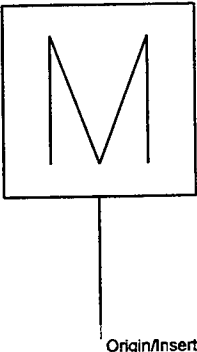
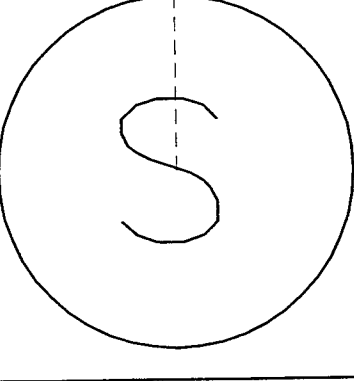
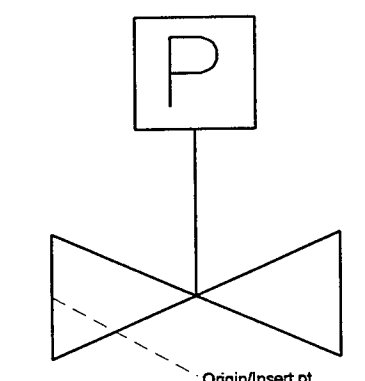
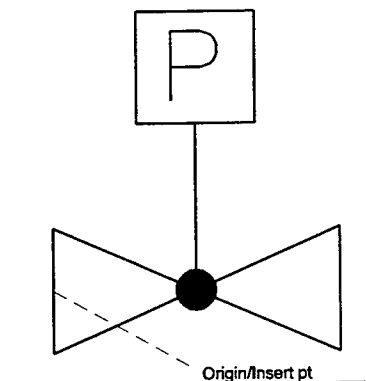
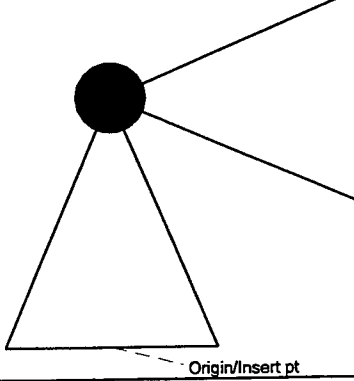
		
<p>Plumbing:ELSTRT STREET ELBOW Element type: Symbol</p>	<p>Plumbing:ELTDSC TURNED DOWN ELBOW Element type: Symbol</p>	<p>Plumbing:ELTUSC TURNED UP ELBOW Element type: Symbol</p>
		
<p>Plumbing:FCO FLOOR CLEANOUT Element type: Symbol</p>	<p>Plumbing:FDCO FLOOR DRAIN WITH CLEANOUT Element type: Symbol</p>	<p>Plumbing:FDDT FLOOR DRAIN WITH DEEP TRAP Element type: Symbol</p>
		
<p>Plumbing:FDNT FLOOR DRAIN WITH NO TRAP Element type: Symbol</p>	<p>Plumbing:FDTP FLOOR DRAIN WITH TRAP PRIME Element type: Symbol</p>	<p>Plumbing:FDWT FLOOR DRAIN WITH TRAP Element type: Symbol</p>

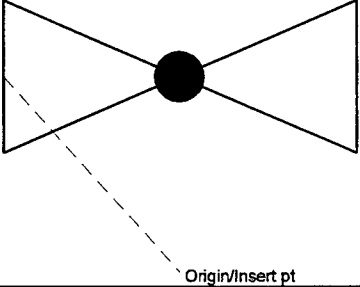
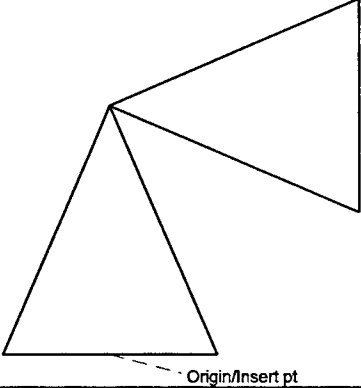
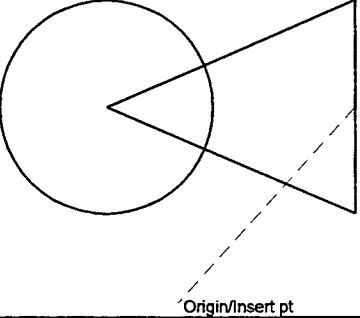
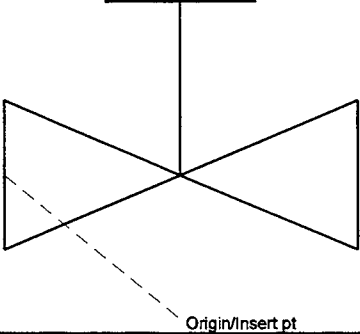
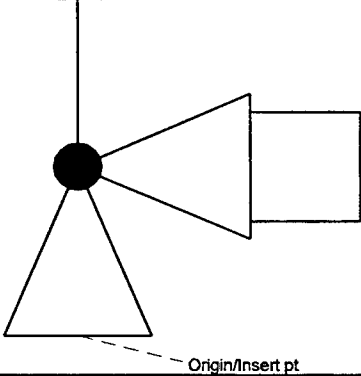
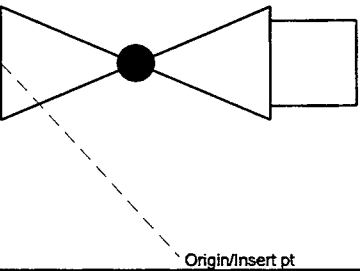
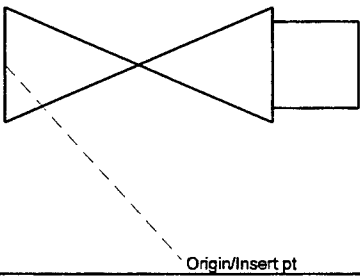
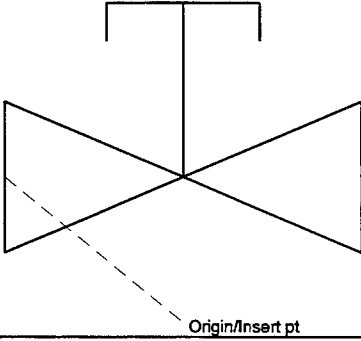
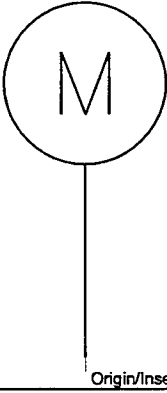
		
<p>Plumbing:FLBLND BLIND FLANGE Element type: Symbol</p>	<p>Plumbing:FLOW3 FLOW ARROW Element type: Symbol</p>	<p>Plumbing:FLRPEN FLOOR PENETRATION ISO Element type: Symbol</p>
		
<p>Plumbing:GAUGE GAUGE Element type: Symbol</p>	<p>Plumbing:HANGRD HANGER ROD Element type: Symbol</p>	<p>Plumbing:HANGSP HANGER SPRING Element type: Symbol</p>
		
<p>Plumbing:ISOEWC ISOMETRIC EWC Element type: Symbol</p>	<p>Plumbing:ISOLAV ISOMETRIC LAVATORIES Element type: Symbol</p>	<p>Plumbing:ISOMOP ISO MOP SINK Element type: Symbol</p>

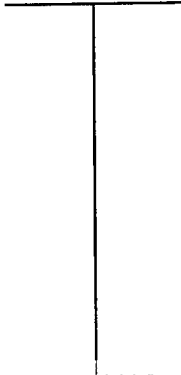
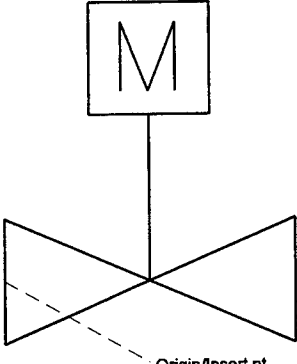
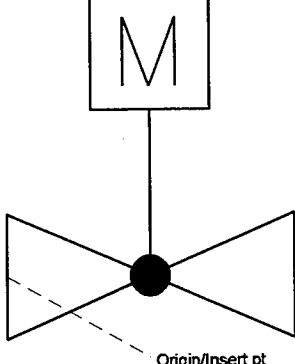
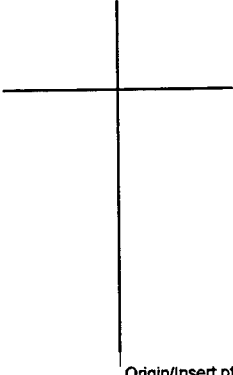
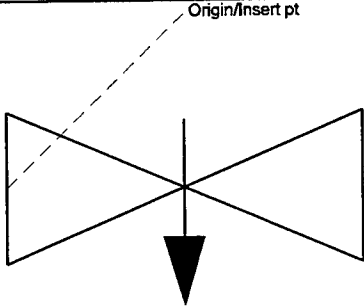
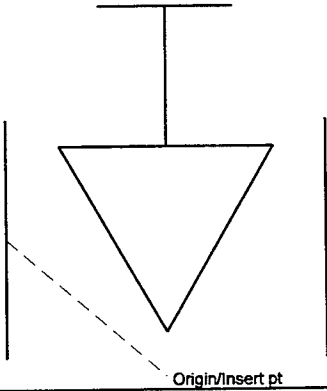
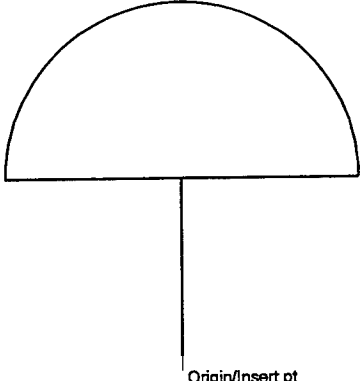
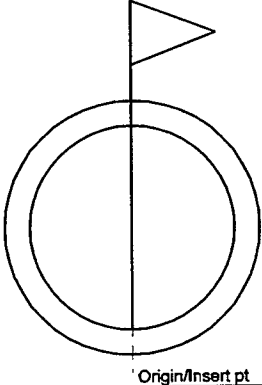
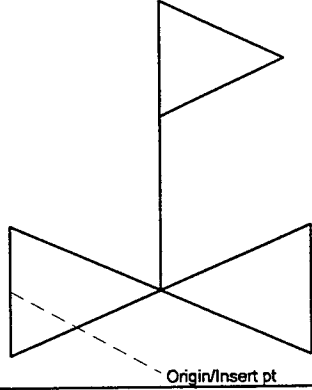
		
<p>Plumbing:ISO UR1 ISO WALL MOUNTED URINAL Element type: Symbol</p>	<p>Plumbing:ISO WC1 ISO FLOOR MOUNTED WC Element type: Symbol</p>	<p>Plumbing:ISO WC2 ISO WALL MOUNTED WC Element type: Symbol</p>
		
<p>Plumbing:LOOPL LEFT DIMENSION LOOP Element type: Symbol</p>	<p>Plumbing:LOOPR RIGHT DIMENSION LOOP Element type: Symbol</p>	<p>Plumbing:PLGBFL BULL PLUG FLANGED Element type: Symbol</p>
		
<p>Plumbing:PLGPSC PIPE PLUG Element type: Symbol</p>	<p>Plumbing:PRGGCO PRESSURE GAGE AND COCK Element type: Symbol</p>	<p>Plumbing:PUMP PUMP Element type: Symbol</p>

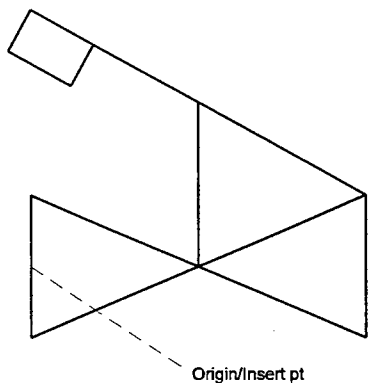
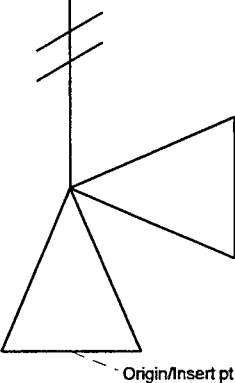
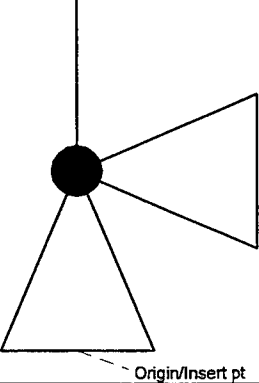
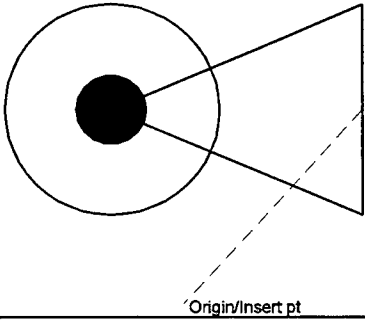
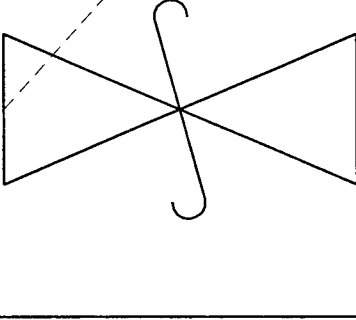
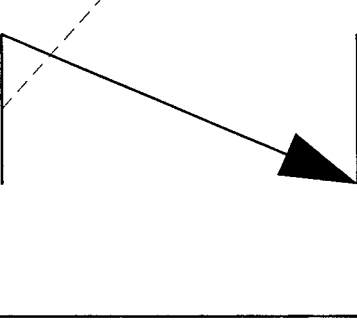
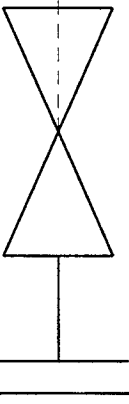
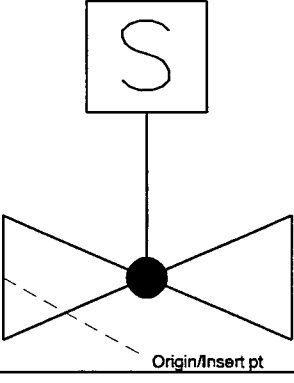
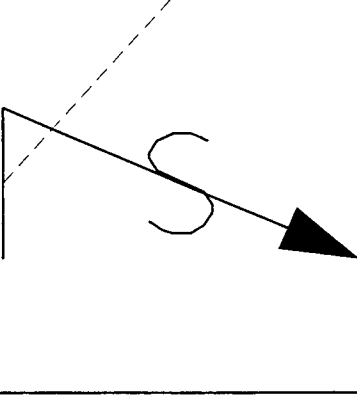
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<p data-bbox="167 632 410 716">Plumbing:PUMPP PUMP SCHEMATIC Element type: Symbol</p>	<p data-bbox="578 632 821 716">Plumbing:PUMPS INLINE PUMP Element type: Symbol</p>	<p data-bbox="997 632 1240 716">Plumbing:SLEEVE SLEEVE Element type: Symbol</p>
 <p data-bbox="375 1157 488 1173">Origin/Insert pt</p>	 <p data-bbox="786 758 899 774">Origin/Insert pt</p>	 <p data-bbox="1203 758 1317 774">Origin/Insert pt</p>
<p data-bbox="167 1194 410 1278">Plumbing:STGLAS SIGHT GLASS Element type: Symbol</p>	<p data-bbox="578 1194 821 1278">Plumbing:STRAIN STRAINER Element type: Symbol</p>	<p data-bbox="997 1194 1240 1278">Plumbing:STRBLO BLOW OFF STRAINER Element type: Symbol</p>
 <p data-bbox="375 1715 488 1732">Origin/Insert pt</p>	 <p data-bbox="802 1715 915 1732">Origin/Insert pt</p>	 <p data-bbox="1203 1312 1317 1329">Origin/Insert pt</p>
<p data-bbox="167 1757 410 1841">Plumbing:TDSSC DOUBLE SWEEP TEE Element type: Symbol</p>	<p data-bbox="578 1757 821 1841">Plumbing:THERM THERMOMETER Element type: Symbol</p>	<p data-bbox="997 1757 1240 1841">Plumbing:TRAPST STEAM TRAP Element type: Symbol</p>

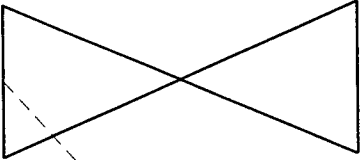

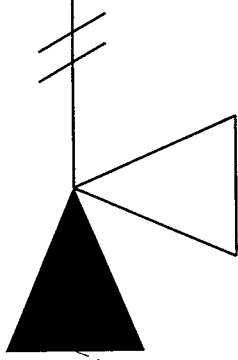
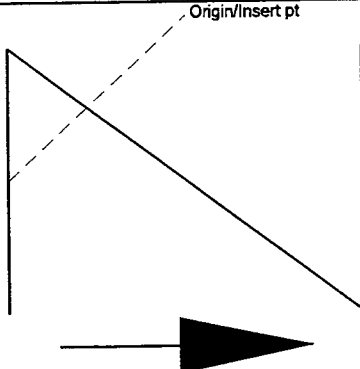
		
<p>Plumbing:TSODSC TEE SIDE OUTLET DOWN Element type: Symbol</p>	<p>Plumbing:TSOUSC TEE SIDE OUTLET UP Element type: Symbol</p>	<p>Plumbing:TSSSC TEE Element type: Symbol</p>
		
<p>Plumbing:TSSWSC SINGLE SWEEP TEE Element type: Symbol</p>	<p>Plumbing:UNIOSC UNION Element type: Symbol</p>	<p>Plumbing:VA3WAM 3WAY AIRMOTOR CONTROLER Element type: Symbol</p>
		
<p>Plumbing:VA3WEM 3WAY ELEC MOTOR CONTRLE Element type: Symbol</p>	<p>Plumbing:VA3WM 3 WAY MANUAL VALVE Element type: Symbol</p>	<p>Plumbing:VAAHOS ANGLE HOSE VALVE Element type: Symbol</p>

		
<p>Plumbing:VABALL BALL VALVE PLAN Element type: Symbol</p>	<p>Plumbing:VABFLY BUTTERFLY VALVE Element type: Symbol</p>	<p>Plumbing:VACWR CONDENS WATER REGULATVALVE Element type: Symbol</p>
		
<p>Plumbing:VADISC DIAPHRAGM VALVE Element type: Symbol</p>	<p>Plumbing:VAEMTR PNEUMATIC MOTOR Element type: Symbol</p>	<p>Plumbing:VAESOL SOLENOID VALVE ACTUATOR Element type: Symbol</p>
		
<p>Plumbing:VAGAMC PNEUMATIC CTRLD GATE VALVE Element type: Symbol</p>	<p>Plumbing:VAGLAM PNEUMATIC CTRLD GLOBE VLV Element type: Symbol</p>	<p>Plumbing:VAGLE ANGLE GLOBE VALVE Element type: Symbol</p>

		
<p>Plumbing:VAGLSE GLOBE VALVE Element type: Symbol</p>	<p>Plumbing:VAGSE ANGLE GATE VALVE Element type: Symbol</p>	<p>Plumbing:VAGSP ANGLE GATE VALVE PLAN Element type: Symbol</p>
		
<p>Plumbing:VAGTSE GATE VALVE Element type: Symbol</p>	<p>Plumbing:VAHASC GATE VALVE PLAN Element type: Symbol</p>	<p>Plumbing:VAHGLS HOSE GLOBE VALVE Element type: Symbol</p>
		
<p>Plumbing:VAHGSC HOSE GATE VALVE Element type: Symbol</p>	<p>Plumbing:VALSSC LOCK SHIELD VALVE Element type: Symbol</p>	<p>Plumbing:VAMAGS MAGNETIC STOP VALVE Element type: Symbol</p>

		
<p>Plumbing: VAMNNS VLV ACTUA MAN NONRISINGSTEM Element type: Symbol</p>	<p>Plumbing: VAMOGS MOTOR OPERATD GATE VALVE Element type: Symbol</p>	<p>Plumbing: VAMOLS MOTOR OPERATD GLOBE VALVE Element type: Symbol</p>
		
<p>Plumbing: VAMOSY VLV ACTOR MAN OUTSTEM Element type: Symbol</p>	<p>Plumbing: VANEED NEEDLE VALVE Element type: Symbol</p>	<p>Plumbing: VAPLUG PLUG VALVE Element type: Symbol</p>
		
<p>Plumbing: VAPMTD VALVE ACTUATOR PNEUMOT Element type: Symbol</p>	<p>Plumbing: VAPRED PRESSURE REDUCING VALVE Element type: Symbol</p>	<p>Plumbing: VAPRRD PRESSURE REDUCING VALVE Element type: Symbol</p>

		
<p>Plumbing:VAQOSC QUICK OPENING VALVE Element type: Symbol</p>	<p>Plumbing:VARELF RELIEF OR SAFETY VALVE Element type: Symbol</p>	<p>Plumbing:VASCE ANGLE GLOBE VALVE Element type: Symbol</p>
		
<p>Plumbing:VASCP ANGLE GLOBE VALVE PLAN Element type: Symbol</p>	<p>Plumbing:VASFSC SAFETY VALVE Element type: Symbol</p>	<p>Plumbing:VASGCH SWING GATE CHECK VALVE Element type: Symbol</p>
		
<p>Plumbing:VASNAP SNAP ACTION VALVE Element type: Symbol</p>	<p>Plumbing:VASOLN SOLENOID VALVE Element type: Symbol</p>	<p>Plumbing:VASPCH SPRING CHECK VALVE Element type: Symbol</p>

		
<p>Plumbing:VASTSC GATE VALVE Element type: Symbol</p>	<p>Plumbing:VASWSC STRAIGHT WAY CHECK VALVE Element type: Symbol</p>	<p>Plumbing:VATPR TEMP PRESSURE RELIEF VALVE Element type: Symbol</p>
		
<p>Plumbing:VLVCHK CHECK VALVE Element type: Symbol</p>		

12 Mechanical Lines Library

<p>—— A C I D ——</p>	<p>—— A T V ——</p>	<p>—— B B D ——</p>
<p>Mechanical: ACIDWS ACID WASTE Element type: Line</p>	<p>Mechanical: AIRRLF ATMOSPHERIC VENT Element type: Line</p>	<p>Mechanical: BOILBD BOILER BLOW DOWN Element type: Line</p>
<p>—— B R ——</p>	<p>—— B ——</p>	<p>—— C D ——</p>
<p>Mechanical: BRINER BRINE RETURN Element type: Line</p>	<p>Mechanical: BRINES BRINE SUPPLY Element type: Line</p>	<p>Mechanical: CDRNAF CONDENSATE DRAIN Element type: Line</p>
<p>—— A ——</p>	<p>—— P C ——</p>	<p>—— C R ——</p>
<p>Mechanical: CMPAIR COMPRESSED AIR Element type: Line</p>	<p>Mechanical: CONDP PUMPED CONDENSATE Element type: Line</p>	<p>Mechanical: CONDWR CONDENSER WATER RETURN Element type: Line</p>

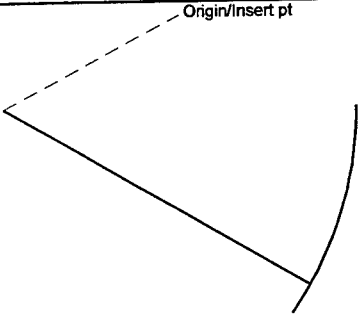
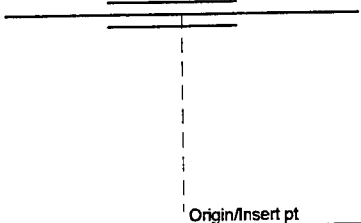
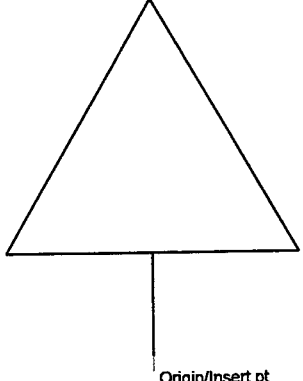
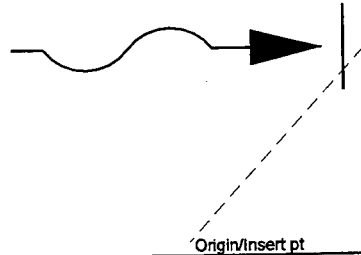
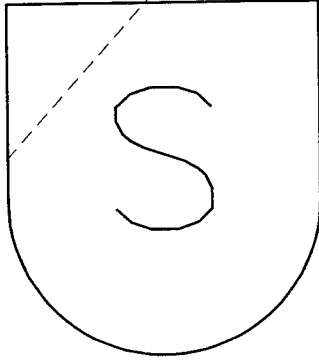
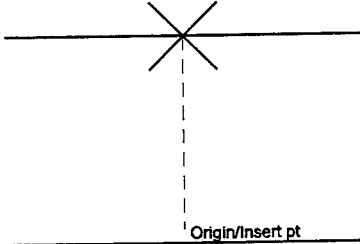
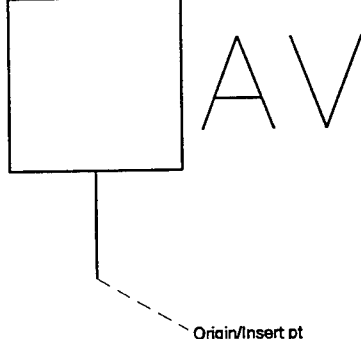
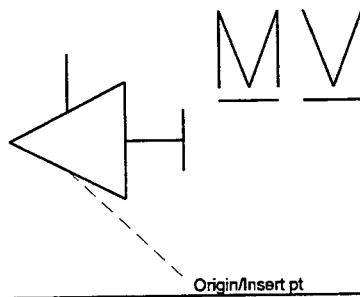
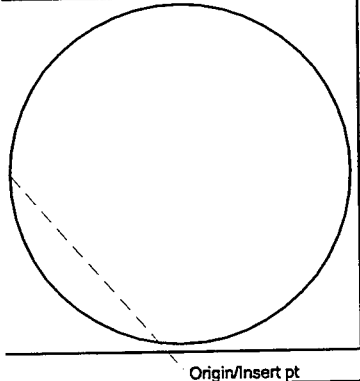
<p>———— C ————</p>	<p>———— C W R ————</p>	<p>———— C W S ————</p>
<p>Mechanical: CONDWS CONDENSER WATER SUPPLY Element type: Line</p>	<p>Mechanical: CWR CHILLED WATER RETURN Element type: Line</p>	<p>Mechanical: CWS CHILLED WATER SUPPLY Element type: Line</p>
<p>———— H C R ————</p>	<p>———— H C S ————</p>	<p>———— F I L L ————</p>
<p>Mechanical: DTR DUAL TEMPERATURE RETURN Element type: Line</p>	<p>Mechanical: DTS DUAL TEMPERATURE SUPPLY Element type: Line</p>	<p>Mechanical: FILL FILL LINE Element type: Line</p>
<p>———— G H R ————</p>	<p>———— G H S ————</p>	<p>———— H P C ————</p>
<p>Mechanical: GHR GLYCOL HEATING RETURN Element type: Line</p>	<p>Mechanical: GHS GLYCOL HEATING SUPPLY Element type: Line</p>	<p>Mechanical: HPCNDR HIGH PRESSURE CONDENSATE Element type: Line</p>

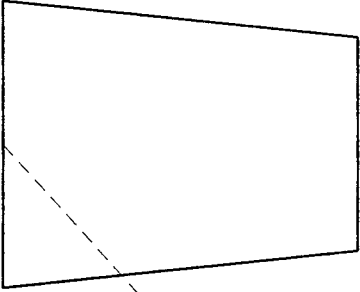
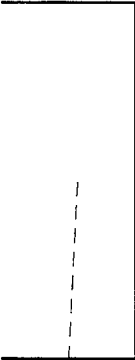

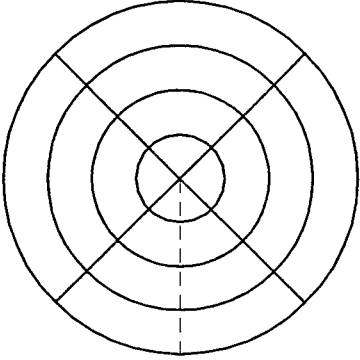
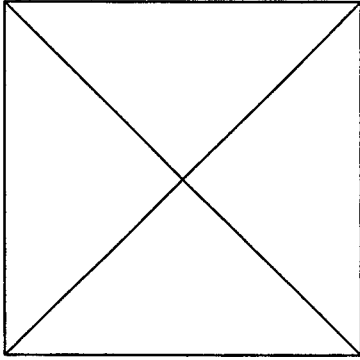


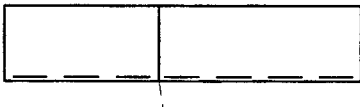
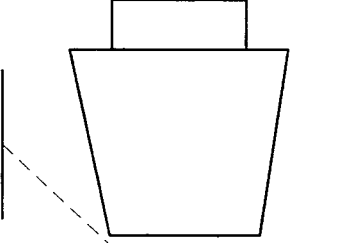
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<p>Mechanical: HTHWR HIGH TEMP HOT WATER RETURN Element type: Line</p>	<p>Mechanical: HTHWS HIGH TEMP HOT WATER SUPPLY Element type: Line</p>	<p>Mechanical: HUMID HUMIDIFICATION LINE Element type: Line</p>
<p>—— H W R ——</p>	<p>—— H W S ——</p>	<p>—— I C W ——</p>
<p>Mechanical: HWR LOW TEMP HOT WATER RETURN Element type: Line</p>	<p>Mechanical: HWS LOW TEMP HOT WATER SUPPLY Element type: Line</p>	<p>Mechanical: ICWTR INDUSTRIAL COLD WATER Element type: Line</p>
<p>—— I H R ——</p>	<p>—— I H W ——</p>	<p>—— I W ——</p>
<p>Mechanical: IHWTRR INDUSTRIAL HOT WATER RETURN Element type: Line</p>	<p>Mechanical: IHWTRS INDUSTRIAL HOT WATER SUPPLY Element type: Line</p>	<p>Mechanical: IWASTE INDUSTRIAL WASTE Element type: Line</p>

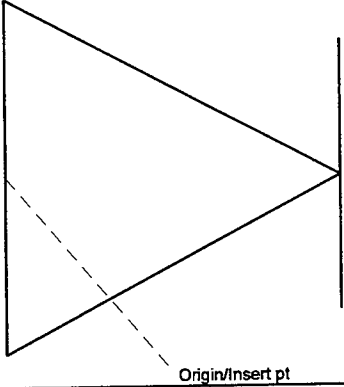
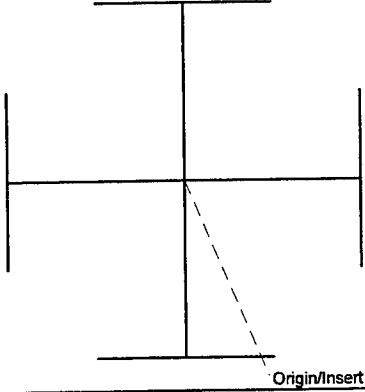
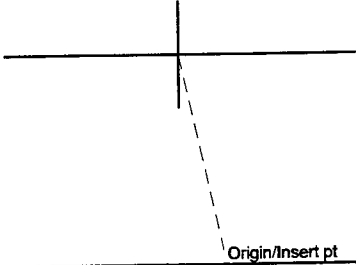
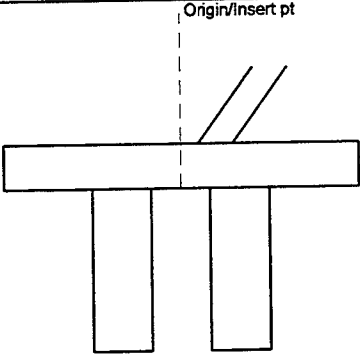
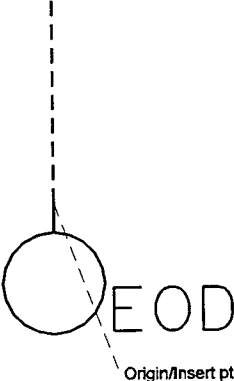
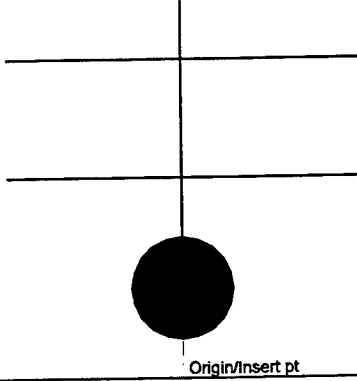
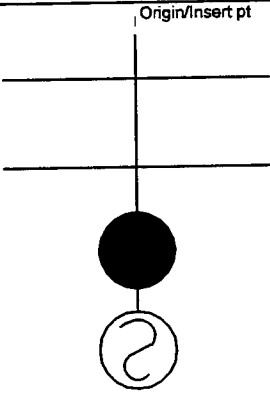
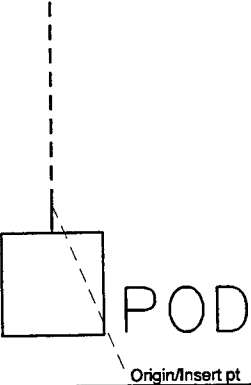
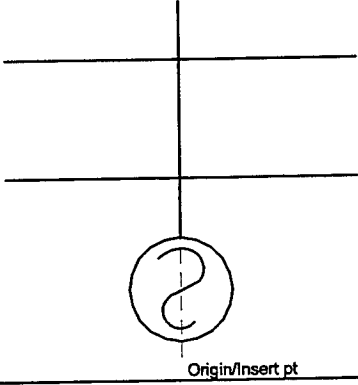
<p>—— L P C ——</p>	<p>—— M U ——</p>	<p>—— M P C ——</p>
<p>Mechanical: LPCNDR LOW PRESSURE CONDENSATE Element type: Line</p>	<p>Mechanical: MAKEUP MAKEUP WATER Element type: Line</p>	<p>Mechanical: MPCNDR MED PRESSURE CONDENSATE Element type: Line</p>
<p>—— M T W R ——</p>	<p>—— M T W S ——</p>	<p>—— N P W ——</p>
<p>Mechanical: MTHWR MED TEMP HOT WATER RETURN Element type: Line</p>	<p>Mechanical: MTHWS MED TEMP HOT WATER SUPPLY Element type: Line</p>	<p>Mechanical: NONPOT NONPOTABLE WATER Element type: Line</p>
<p>—— P N ——</p>	<p>—— R L ——</p>	<p>—— R S ——</p>
<p>Mechanical: PNTUBE PNEUMATIC TUBE RUNS Element type: Line</p>	<p>Mechanical: REFRL REFRIGERANT LIQUID Element type: Line</p>	<p>Mechanical: REFRS REFRIGERANT SUCTION Element type: Line</p>

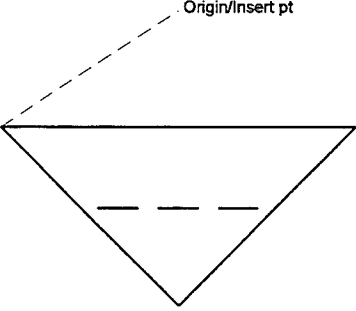
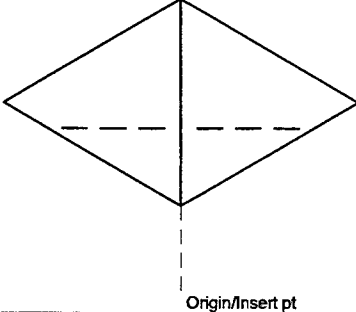
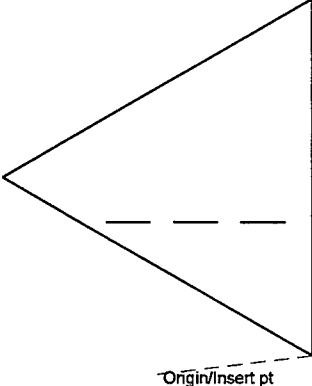
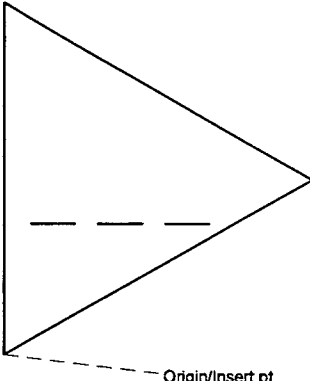
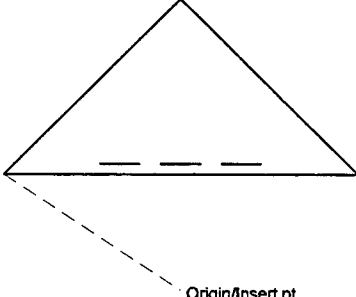
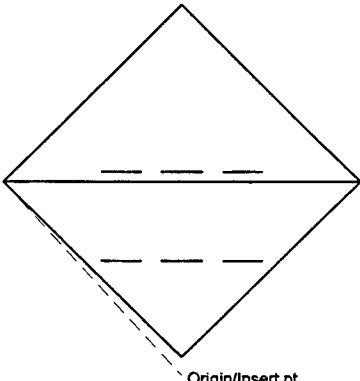
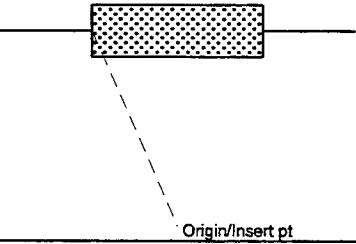
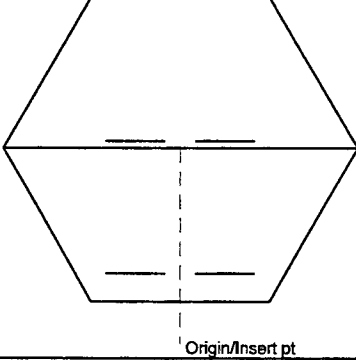
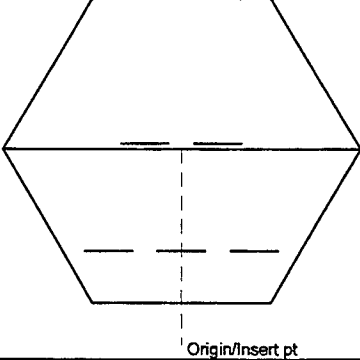
<p>—— H P S ——</p>	<p>—— L P S ——</p>	<p>—— M P S ——</p>
<p>Mechanical: STEAMH HIGH PRESSURE STEAM Element type: Line</p>	<p>Mechanical: STEAML LOW PRESSURE STEAM Element type: Line</p>	<p>Mechanical: STEAMM MED PRESSURE STEAM Element type: Line</p>
<p>(((((((((</p>	<p>—— V A C ——</p>	<p>—— V P D ——</p>
<p>Mechanical: TUVANE TURNING VANES Element type: Line</p>	<p>Mechanical: VACAIR VACUUM AIR Element type: Line</p>	<p>Mechanical: VACPD VACUUM PUMP DISCHARGE Element type: Line</p>

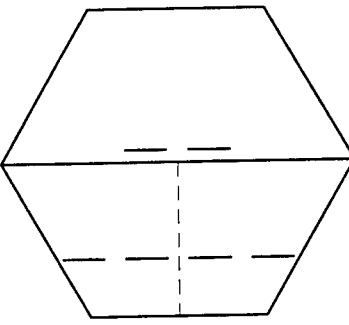
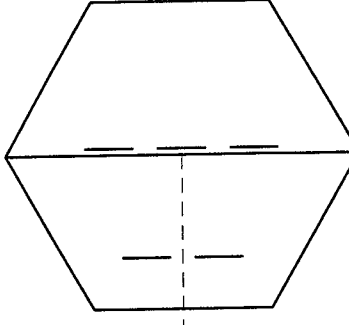
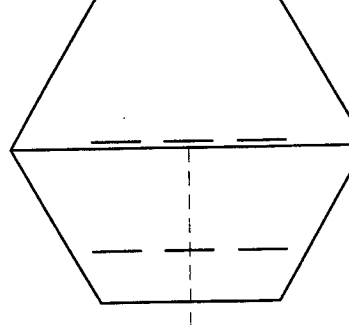
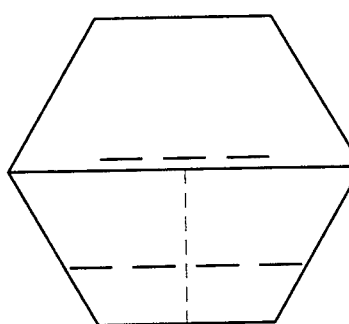
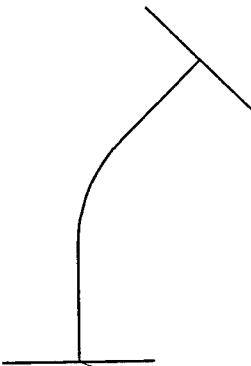
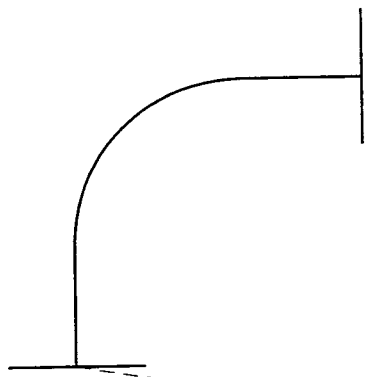
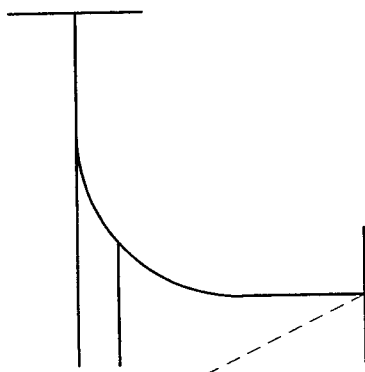
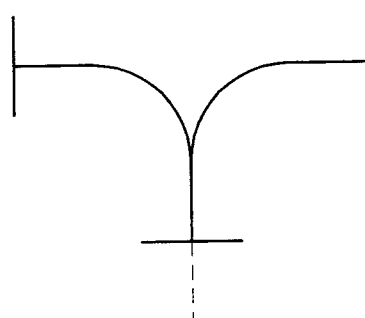
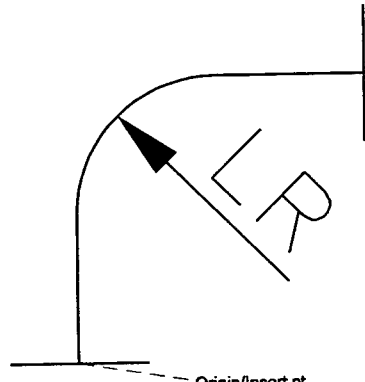
12 Mechanical Symbols Library

		
Mechanical: ACCDOR DUCT ACCESS DOOR Element type: Symbol	Mechanical: AGUIDE ALIGNMENT GUIDE Element type: Symbol	Mechanical: AIRELM AIR ELIMINATOR Element type: Symbol
		
Mechanical: AIRIN AIR IN Element type: Symbol	Mechanical: AIRSEP AIR SEPARATOR Element type: Symbol	Mechanical: ANCHRI ANCHOR Element type: Symbol
		
Mechanical: AVENTA AUTOMATIC AIR VENT Element type: Symbol	Mechanical: AVENTM MANUAL AIR VENT Element type: Symbol	Mechanical: BALLJT BALL JOINT Element type: Symbol

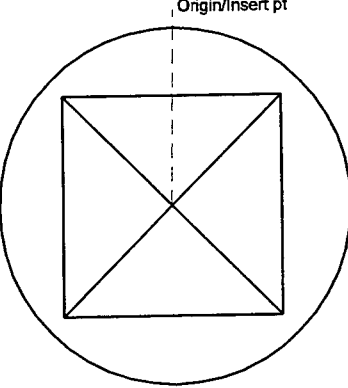

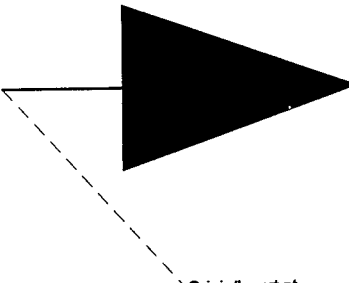
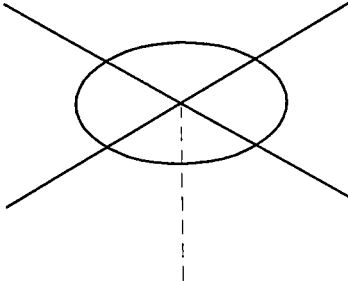
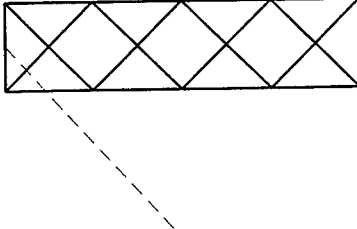
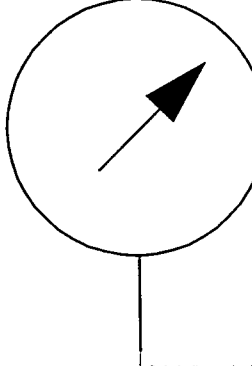
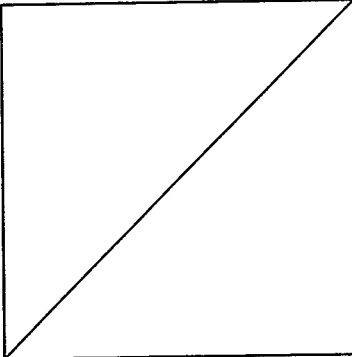
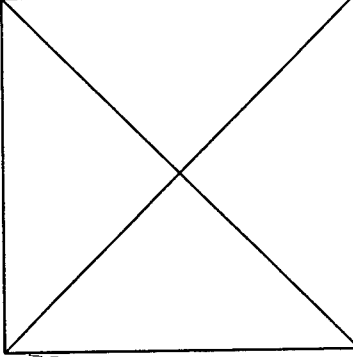
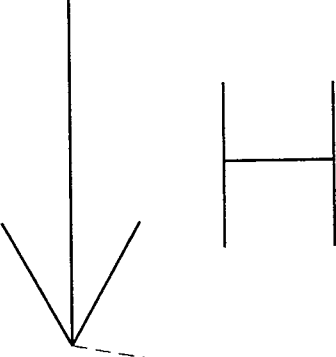
		
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<p>Mechanical: CDRND ROUND CEILING DIFFUSER Element type: Symbol</p>	<p>Mechanical: CDSQR SQUARE CEILING DIFFUSER Element type: Symbol</p>	<p>Mechanical: CFM2X3 AIRFLOW CFM Element type: Symbol</p>
		
<p>Mechanical: CFM2X4 AIRFLOW CFM Element type: Symbol</p>	<p>Mechanical: CFM3X4 AIRFLOW CFM Element type: Symbol</p>	<p>Mechanical: COCKSC COCK Element type: Symbol</p>

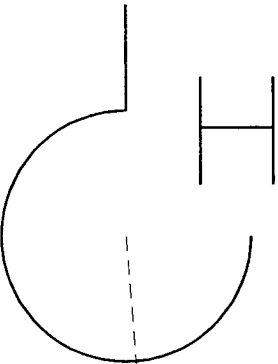
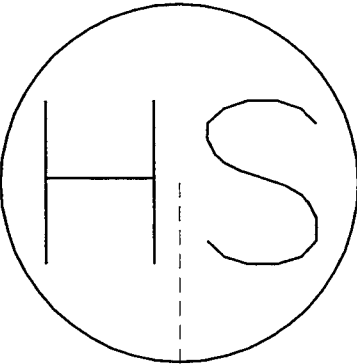
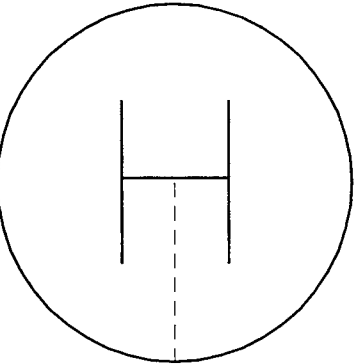
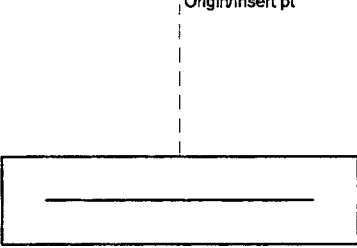
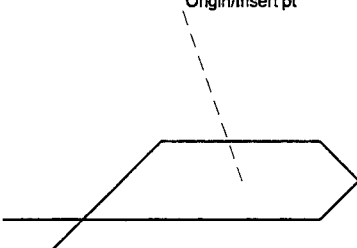
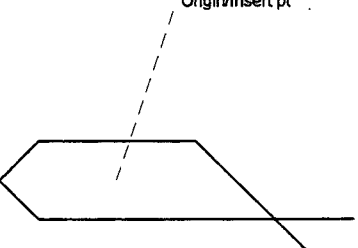
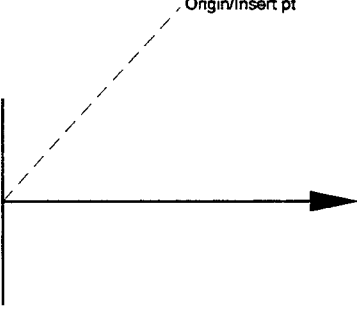
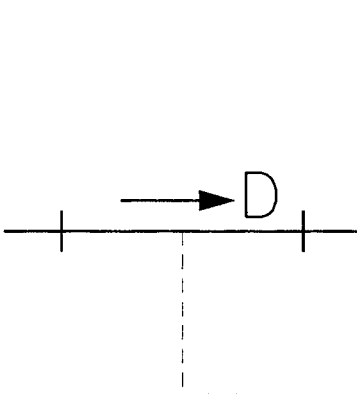
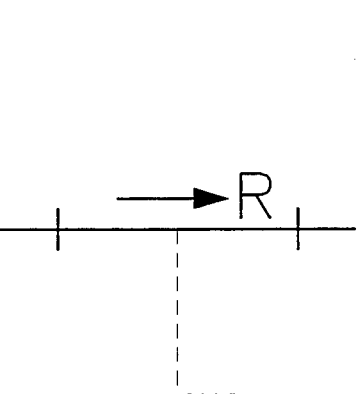
		
Mechanical: CREDSC REDUCER CONCENTRIC Element type: Symbol	Mechanical: CRSRSC CROSS Element type: Symbol	Mechanical: CUPJNT COUPLING JOINT Element type: Symbol
		
Mechanical: DCTHTR ELECTRIC DUCT HEATER Element type: Symbol	Mechanical: DMPEOC ELECT OPERATED DAMPER Element type: Symbol	Mechanical: DMPFIR FIRE DAMPER Element type: Symbol
		
Mechanical: DMPFS FIRE SMOKE DAMPER Element type: Symbol	Mechanical: DMPPOD PNEUMATIC DAMPER Element type: Symbol	Mechanical: DMPSMK SMOKE DAMPER Element type: Symbol

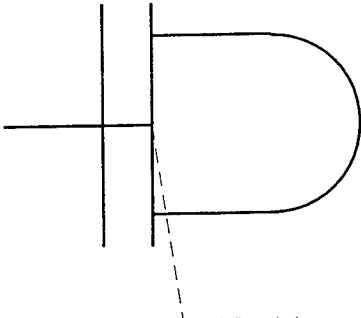
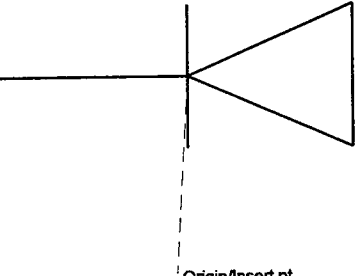
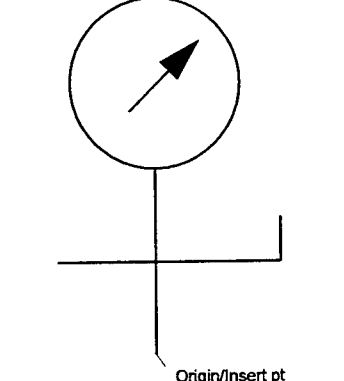
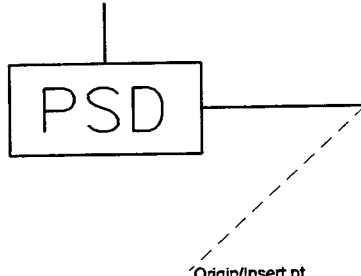
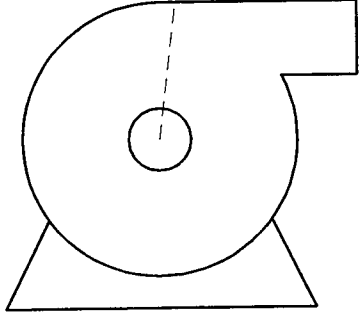
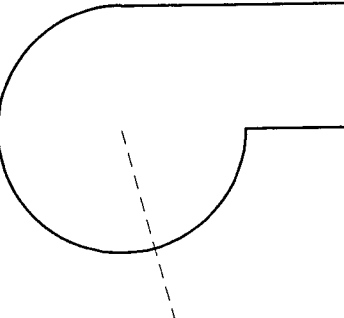
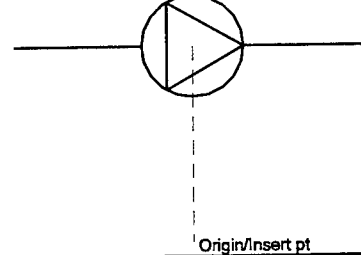
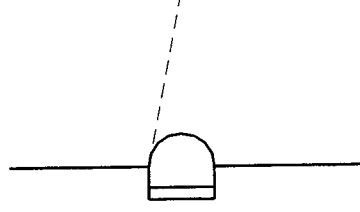
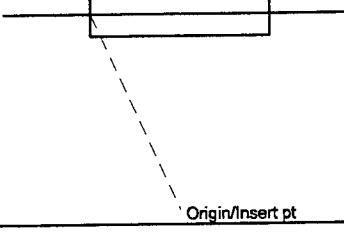
		
Mechanical: DPRSD DUCT PRESSURE CLASS DOWN Element type: Symbol	Mechanical: DPRSH DUCT PRESSURE HORIZONTAL Element type: Symbol	Mechanical: DPRSL DUCT PRESSURE LEFT Element type: Symbol
		
Mechanical: DPRSR DUCT PRESSURE RIGHT Element type: Symbol	Mechanical: DPRSU DUCT PRESSURE CLASS UP Element type: Symbol	Mechanical: DPRSV DUCT PRESSURE CLASS VERT Element type: Symbol
		
Mechanical: DRIER DRIER Element type: Symbol	Mechanical: EEQ2X2 ELEC. EQUIP 2X2 MARK Element type: Symbol	Mechanical: EEQ2X3 ELEC. EQUIP 2X3 MARK Element type: Symbol

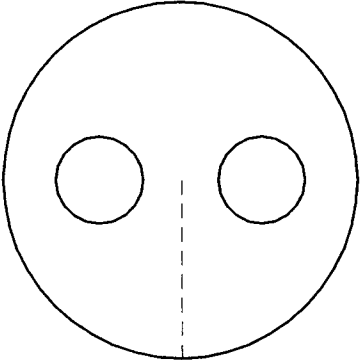
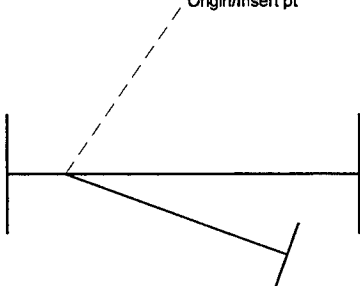
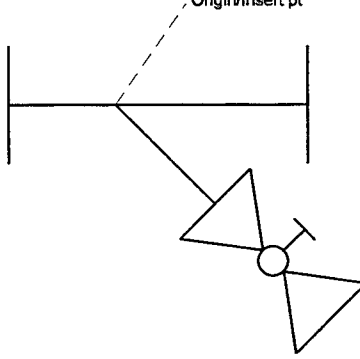
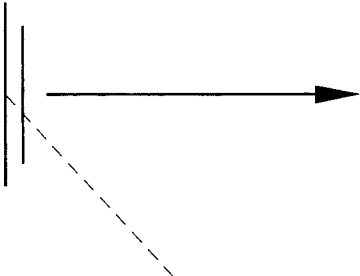
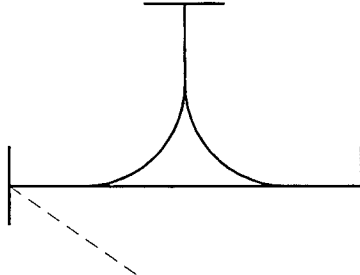

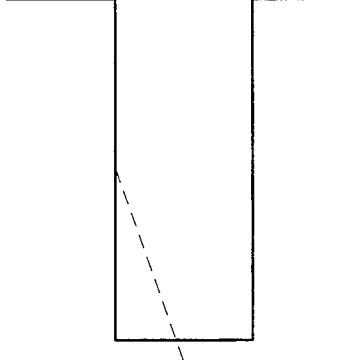
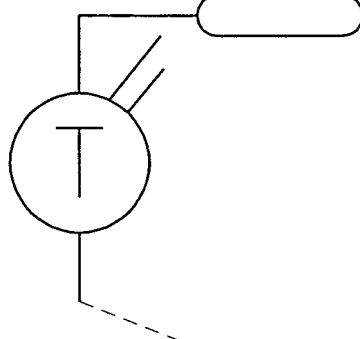
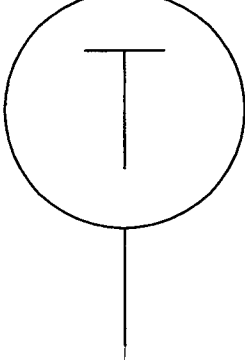
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 <p>Origin/Insert pt</p>	 <p>Origin/Insert pt</p>	 <p>Origin/Insert pt</p>
<p>Mechanical: EEQ3X4 ELEC EQUIP 3X4 MARK Element type: Symbol</p>	<p>Mechanical: EL45SC 45 DEGREE ELBOW Element type: Symbol</p>	<p>Mechanical: EL90SC 90 DEGREE ELBOW Element type: Symbol</p>
 <p>Origin/Insert pt</p>	 <p>Origin/Insert pt</p>	 <p>Origin/Insert pt</p>
<p>Mechanical: ELBSC BASE ELBOW Element type: Symbol</p>	<p>Mechanical: ELDBSC DOUBLE BRANCH ELBOW Element type: Symbol</p>	<p>Mechanical: ELLRSC LONG RADIUS ELBOW Element type: Symbol</p>

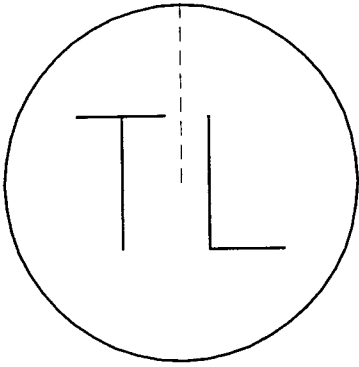
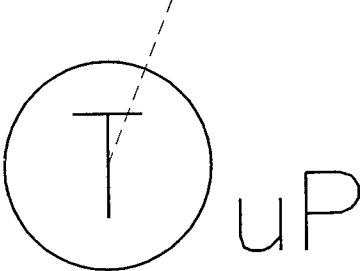
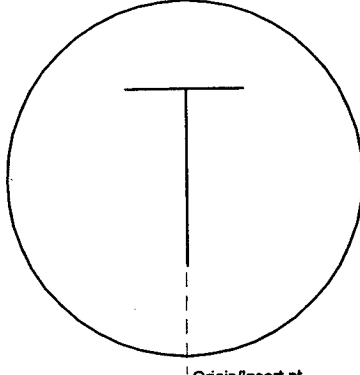
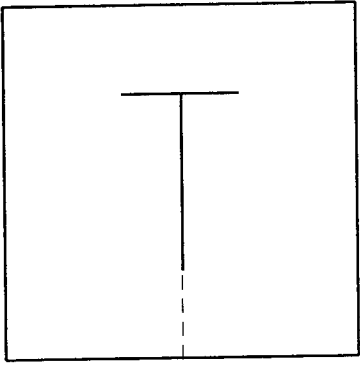
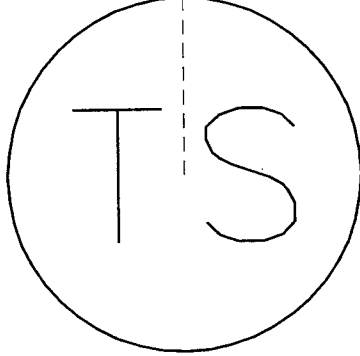
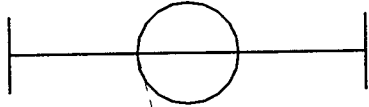
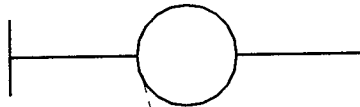
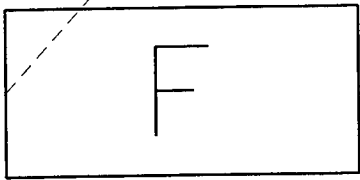
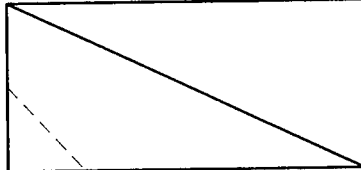
<p>Mechanical: ELODSC ELBOW SIDE OUTLET DOWN Element type: Symbol</p>	<p>Mechanical: ELOUSC ELBOW SIDE OUTLET UP Element type: Symbol</p>	<p>Mechanical: ELSTRT STREET ELBOW Element type: Symbol</p>
<p>Mechanical: ELTDSC TURNED DOWN ELBOW Element type: Symbol</p>	<p>Mechanical: ELTUSC TURNED UP ELBOW Element type: Symbol</p>	<p>Mechanical: EREDSC ECCENTRIC REDUCER Element type: Symbol</p>
<p>Mechanical: EXPJNT EXPANSION JOINT Element type: Symbol</p>	<p>Mechanical: FANERV EXHAUST ROOF VENT FAN Element type: Symbol</p>	<p>Mechanical: FANLRV LOUVERED ROOF VENT FAN Element type: Symbol</p>

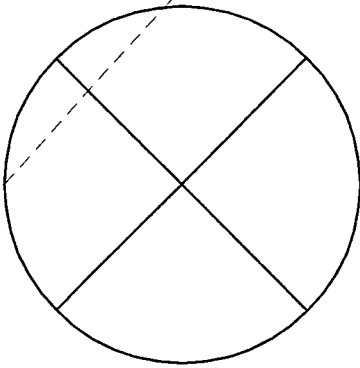
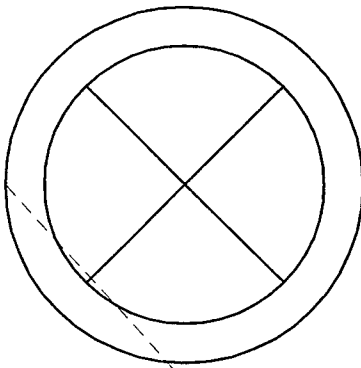
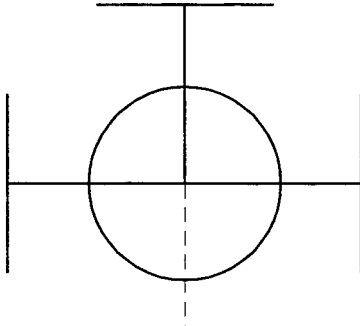
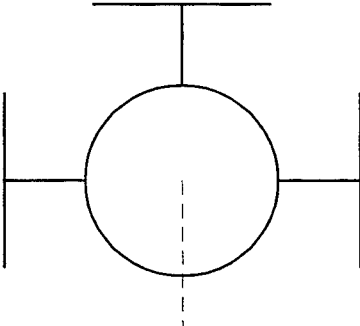
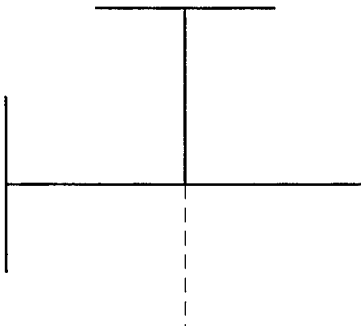
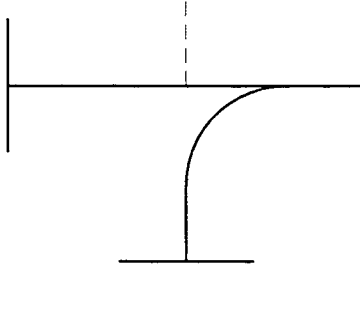
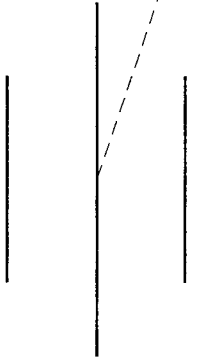
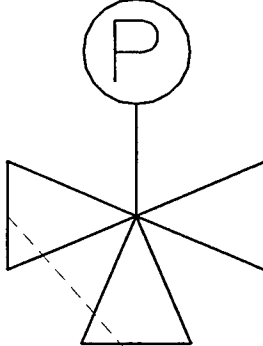
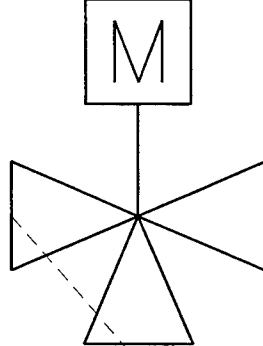
		
<p>Mechanical: FANSRV INTAKE ROOF VENT FAN Element type: Symbol</p>	<p>Mechanical: FLBLND BLIND FLANGE Element type: Symbol</p>	<p>Mechanical: FLOW1 AIR FLOW DIRECTION ARROW Element type: Symbol</p>
		
<p>Mechanical: FLRPEN FLOOR PENETRATION ISO Element type: Symbol</p>	<p>Mechanical: FLXCON FLEXIBLE CONNECTOR Element type: Symbol</p>	<p>Mechanical: GAUGE GAUGE Element type: Symbol</p>
		
<p>Mechanical: GRILEX EXHAUST GRILLE Element type: Symbol</p>	<p>Mechanical: GRILSU SUPPLY GRILLE Element type: Symbol</p>	<p>Mechanical: HANGRD HANGER ROD Element type: Symbol</p>

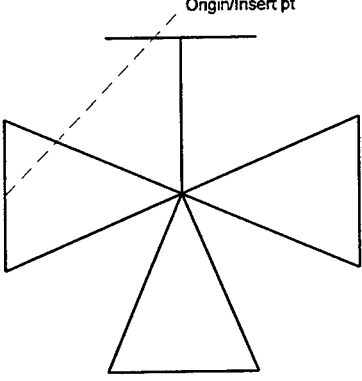
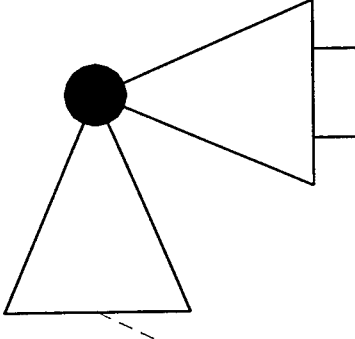
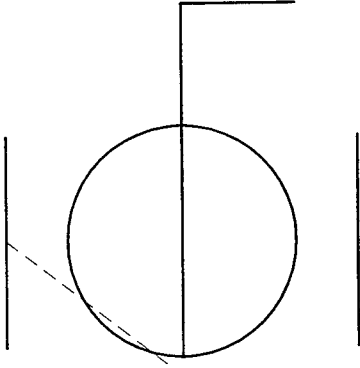
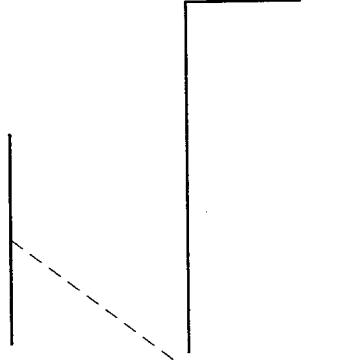
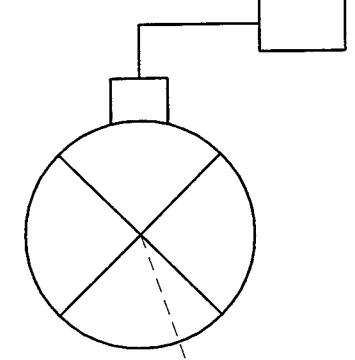
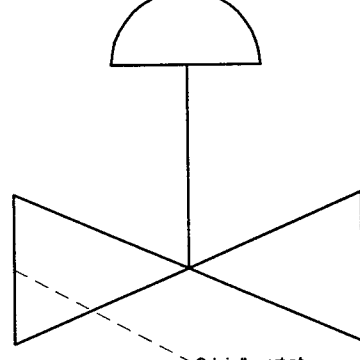
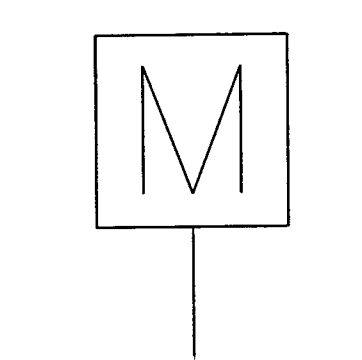
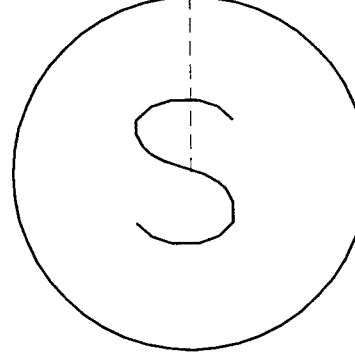
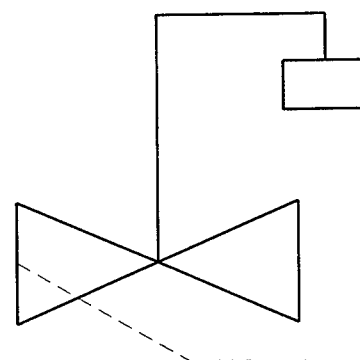
		
<p>Mechanical: HANGSP HANGER SPRING Element type: Symbol</p>	<p>Mechanical: HSENS HUMIDITY SENSOR Element type: Symbol</p>	<p>Mechanical: HSTAT HUMIDISTAT Element type: Symbol</p>
		
<p>Mechanical: LNDIFF LINEAR DIFFUSER Element type: Symbol</p>	<p>Mechanical: LOOPL LEFT DIMENSION LOOP Element type: Symbol</p>	<p>Mechanical: LOOPR RIGHT DIMENSION LOOP Element type: Symbol</p>
		
<p>Mechanical: LOUOPN DOOR OR WALL LOUVER Element type: Symbol</p>	<p>Mechanical: PIDROP PITCH OR PIPE DROP Element type: Symbol</p>	<p>Mechanical: PIRISE PITCH OR PIPE RISE Element type: Symbol</p>

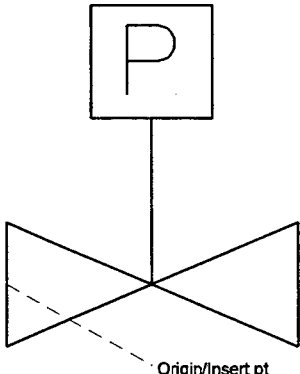
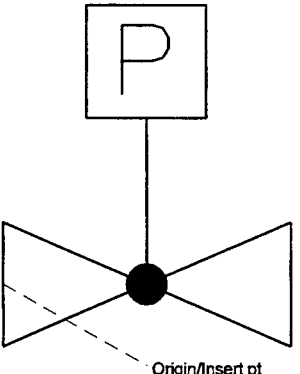
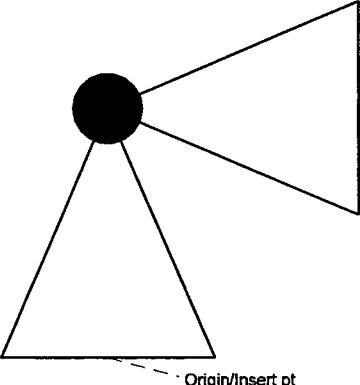
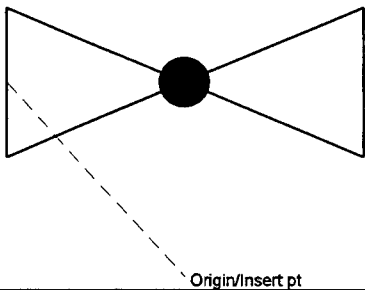
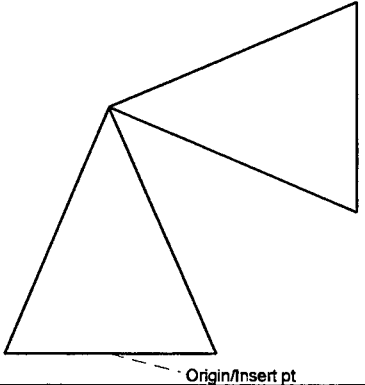
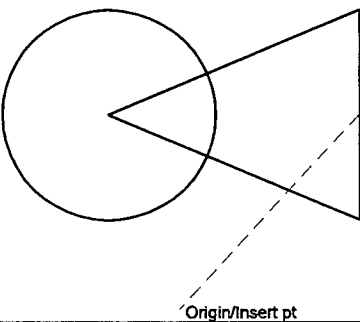
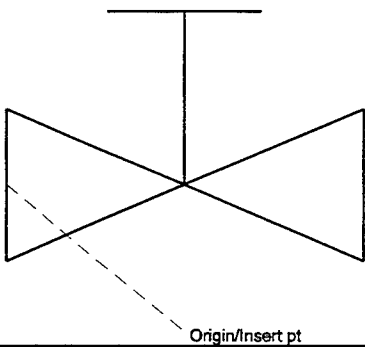
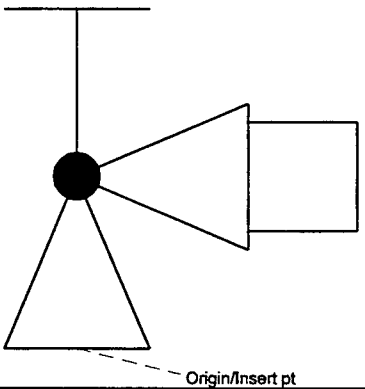
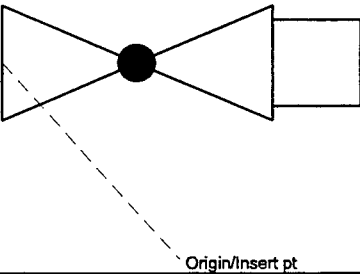
		
<p>Mechanical: PLGBFL BULL PLUG FLANGED Element type: Symbol</p>	<p>Mechanical: PLGPSC PIPE PLUG Element type: Symbol</p>	<p>Mechanical: PRGGCO PRESSURE GAGE AND COCK Element type: Symbol</p>
		
<p>Mechanical: PSDIFF PUMP SUCTION DIFFUSER Element type: Symbol</p>	<p>Mechanical: PUMP PUMP Element type: Symbol</p>	<p>Mechanical: PUMPP PUMP SCHEMATIC Element type: Symbol</p>
		
<p>Mechanical: PUMPS INLINE PUMP Element type: Symbol</p>	<p>Mechanical: SCALET SCALE TRAP Element type: Symbol</p>	<p>Mechanical: SLEEVE SLEEVE Element type: Symbol</p>

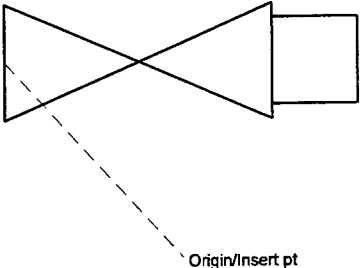
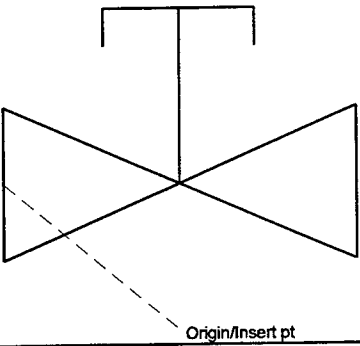
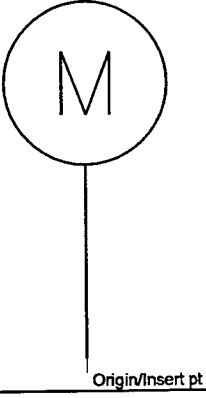
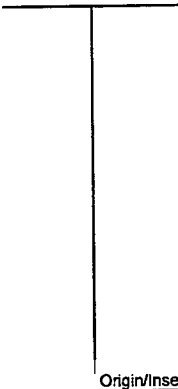
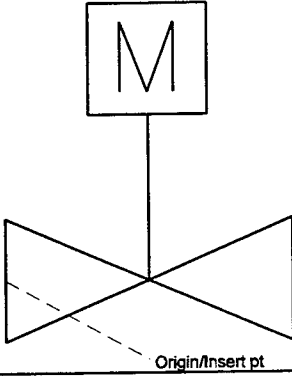
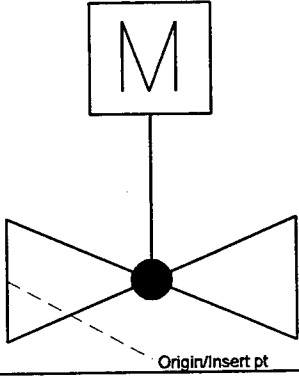
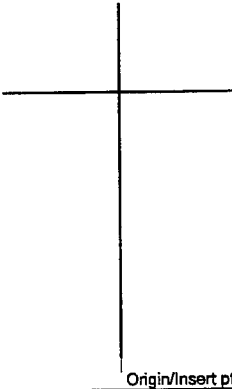
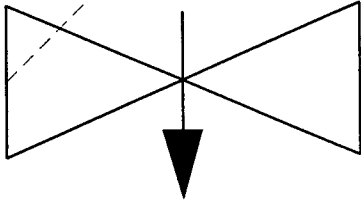
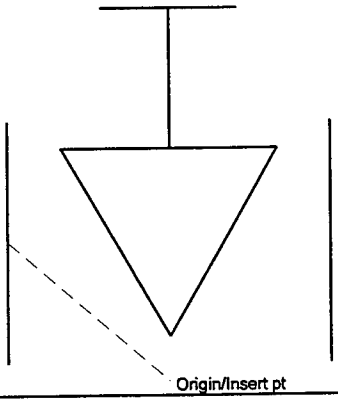
		
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<p>Mechanical: SUPOUT SUPPLY OUTLET WALL SUPPLY Element type: Symbol</p>	<p>Mechanical: TDSSC DOUBLE SWEEP TEE Element type: Symbol</p>	<p>Mechanical: THERM THERMOMETER Element type: Symbol</p>
		
<p>Mechanical: THERMW THERMOMETER WELL Element type: Symbol</p>	<p>Mechanical: THHRB THERMOSTAT REMOTE BULB Element type: Symbol</p>	<p>Mechanical: THHSC THERMOSTAT SELF-CONTAINED Element type: Symbol</p>

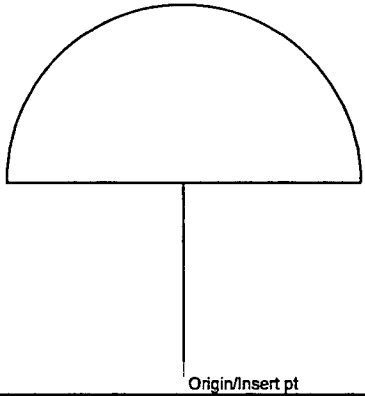
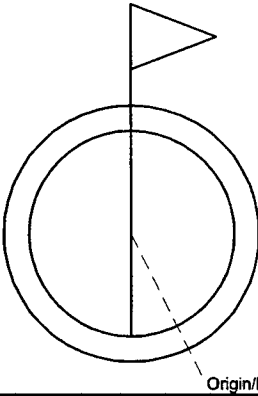
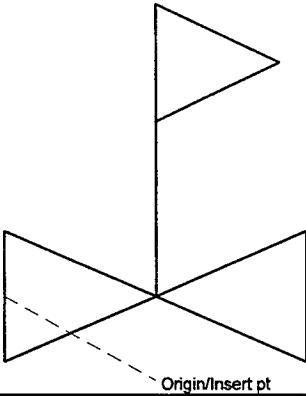
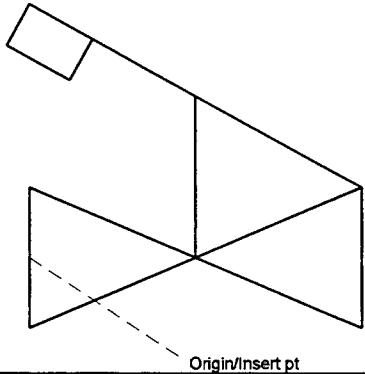
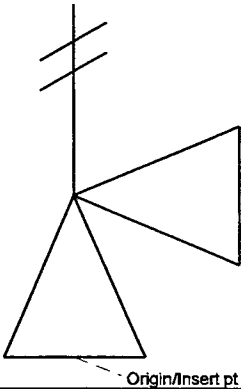
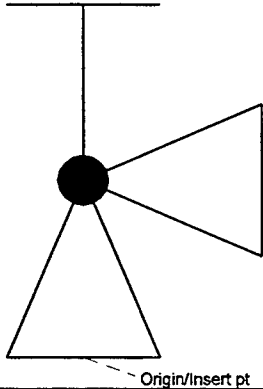
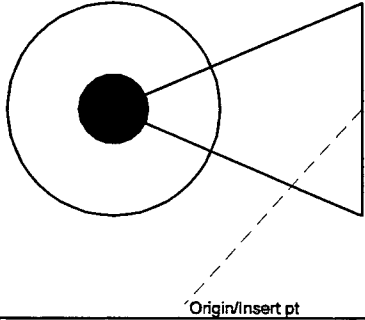
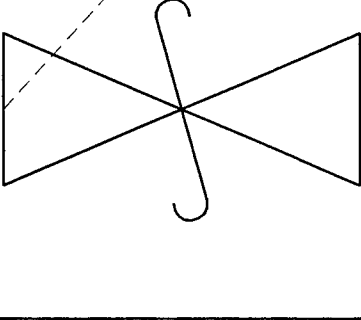
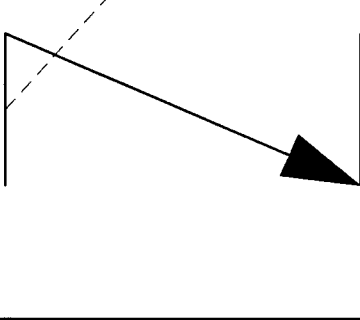
		
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<p>Mechanical: THPPNE THERMOSTAT PNEUMATIC PIPE Element type: Symbol</p>	<p>Mechanical: TMPSEN TEMPERATURE SENSOR Element type: Symbol</p>	<p>Mechanical: TODSC TEE OUTLET DOWN Element type: Symbol</p>
		
<p>Mechanical: TOUSC TEE OUTLET UP Element type: Symbol</p>	<p>Mechanical: TRAPFL FLOAT TRAP Element type: Symbol</p>	<p>Mechanical: TRAPFT FLOAT THERMOSTATIC TRAP Element type: Symbol</p>

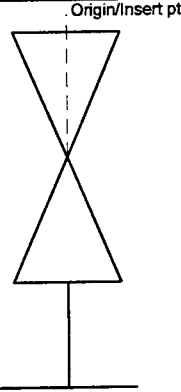
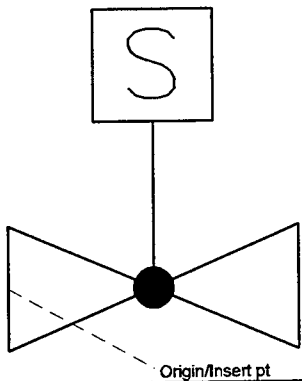
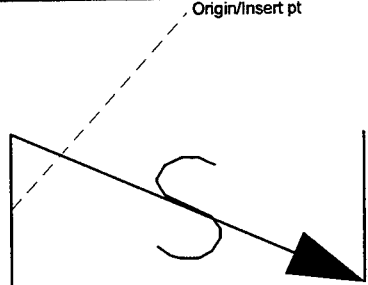
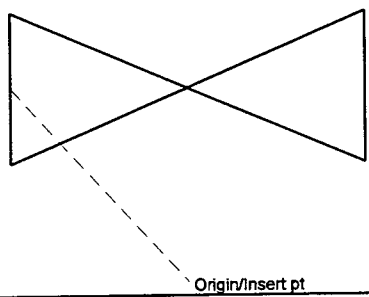
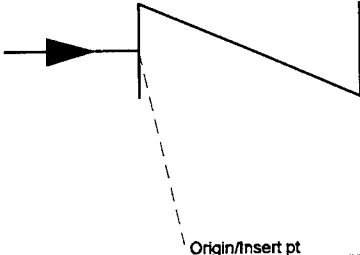
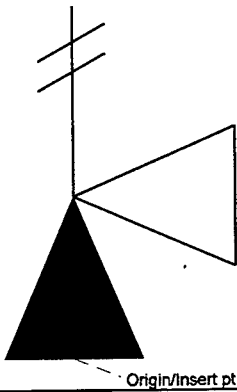
		
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<p>Mechanical: UNIO UNION Element type: Symbol</p>	<p>Mechanical: VA3WAM 3WAY AIRMOTOR CONTROLLER Element type: Symbol</p>	<p>Mechanical: VA3WEM 3WAY ELECTROMOTOR CONTROLLER Element type: Symbol</p>

		
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<p>Mechanical: VABFLY BUTTERFLY VALVE Element type: Symbol</p>	<p>Mechanical: VACWR CONDENS WATER REGULATVALVE Element type: Symbol</p>	<p>Mechanical: VADISC DIAPHRAGM VALVE Element type: Symbol</p>
		
<p>Mechanical: VAEMTR PNEUMATIC MOTOR Element type: Symbol</p>	<p>Mechanical: VAESOL SOLENOID VALVE ACTUATOR Element type: Symbol</p>	<p>Mechanical: VAFISC FLOAT VALVE Element type: Symbol</p>




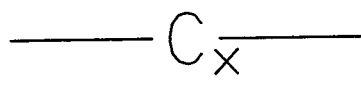
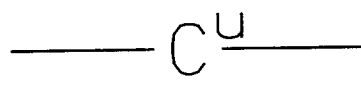
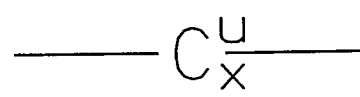



		
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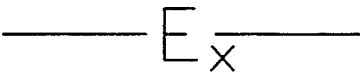
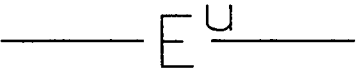
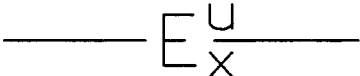

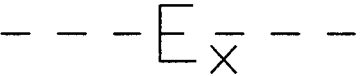
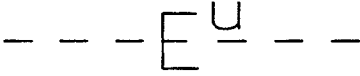
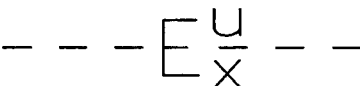
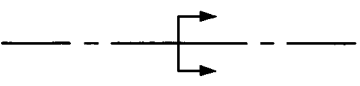
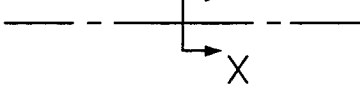
		
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<p>Mechanical: VASTSC GATE VALVE Element type: Symbol</p>	<p>Mechanical: VASWSC STRAIGHT WAY CHECK VALVE Element type: Symbol</p>	<p>Mechanical: VATPR TEMP PRESSURE RELIEF VALVE Element type: Symbol</p>

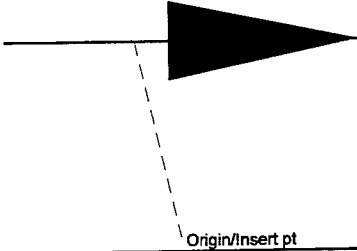
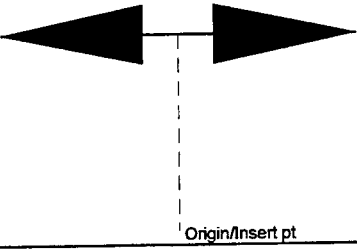
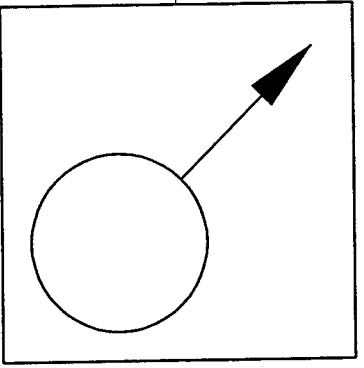


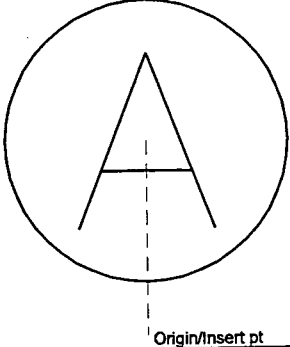
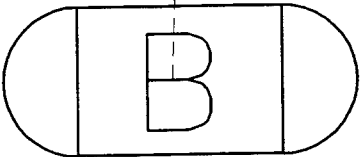
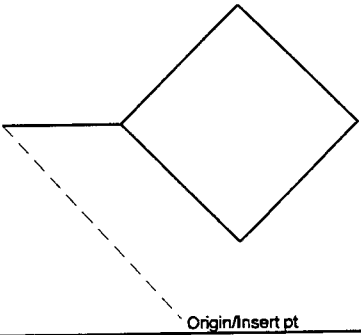
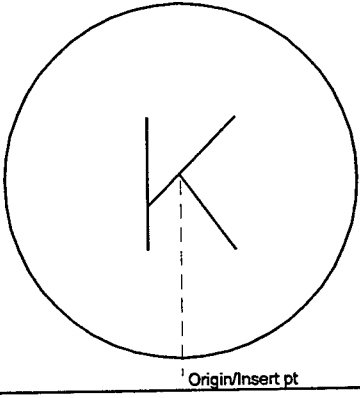
13 Electrical Lines Library

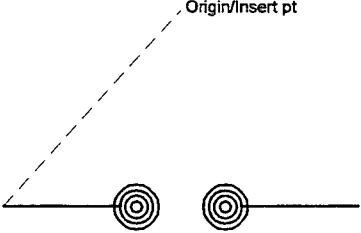
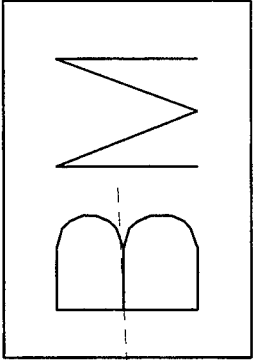
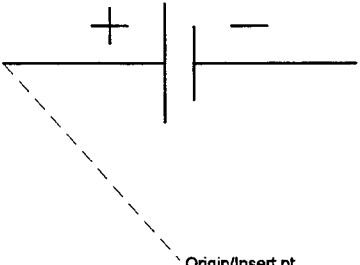
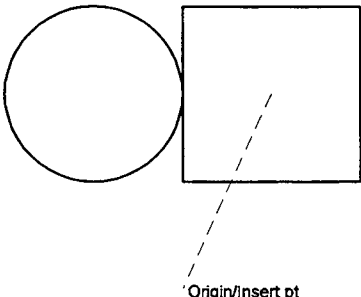
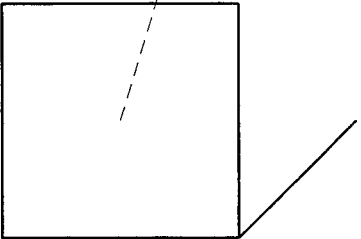
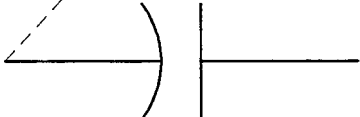
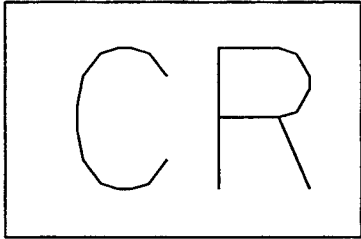
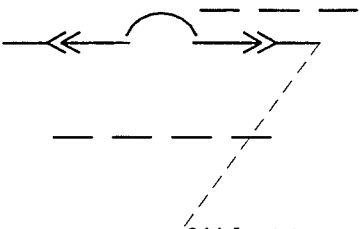
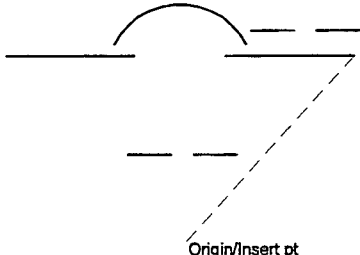
		
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Electrical: COMARX EXIST COMMUNCATION AERIAL Element type: Line	Electrical: COMUGN NEW COMMUNICATION UNDERG Element type: Line	Electrical: COMUGX EXIST COMMUNICATION UNDERG Element type: Line
		
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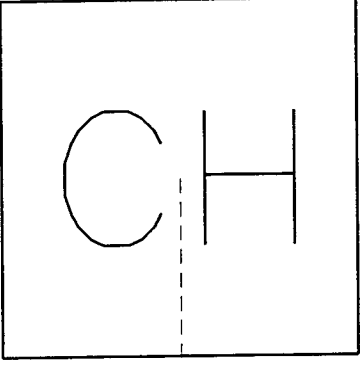
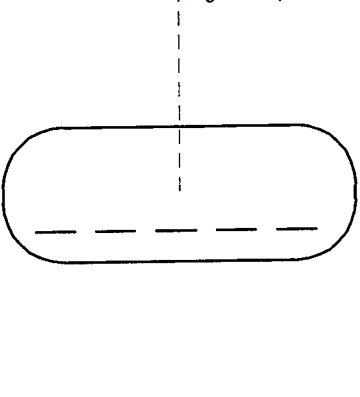
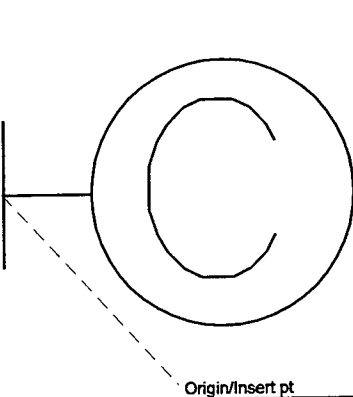

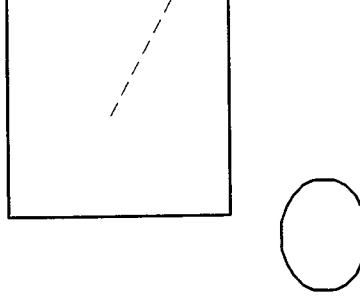
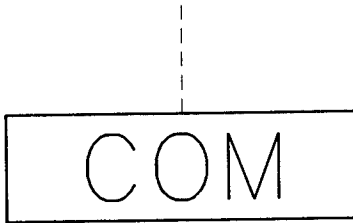
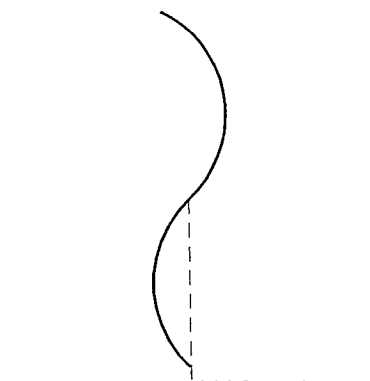
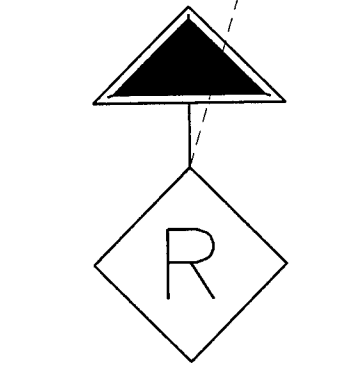
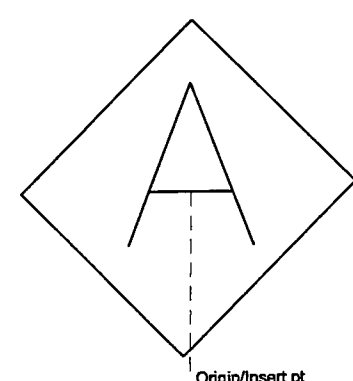
		
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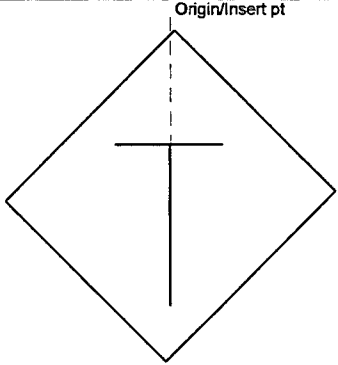
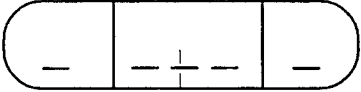
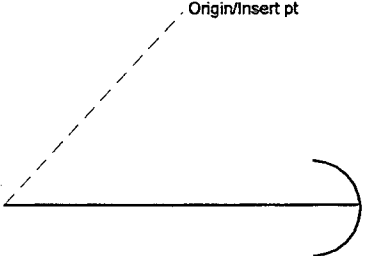
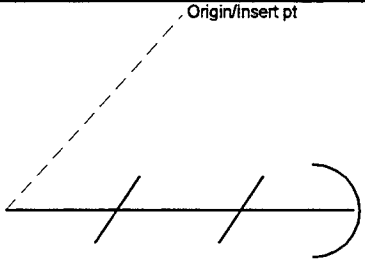
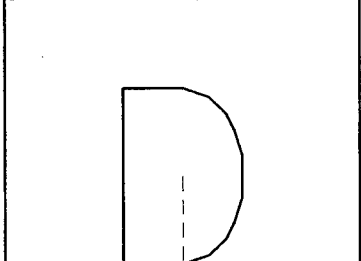
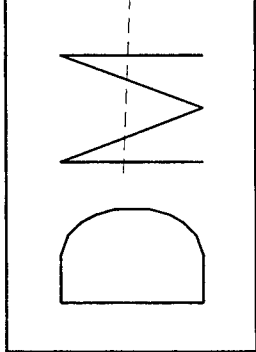
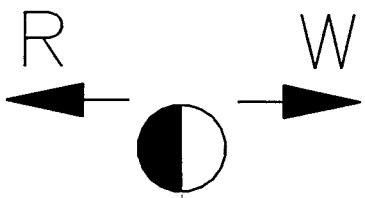
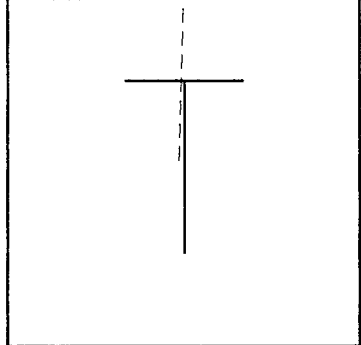
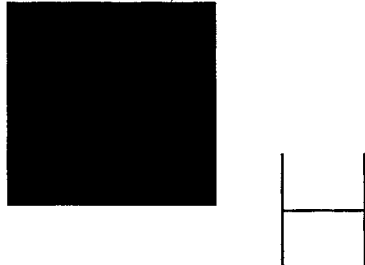
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C		C		C		C												
W		W		W		W												
<p>Electrical:FIBOPT FIBER OPTICS LINE Element type: Line</p>	<p>Electrical:LADDER CABLE LADDER Element type: Line</p>	<p>Electrical:WIREWY WIREWAY Element type: Line</p>																

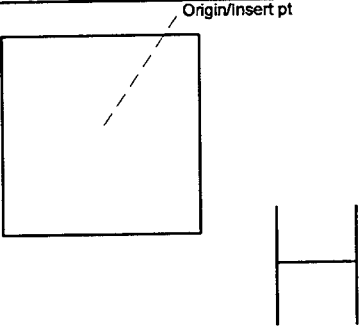
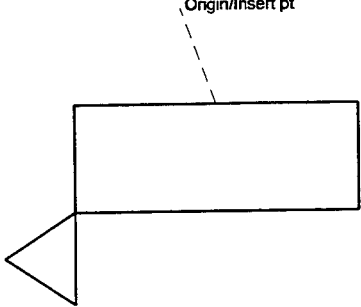
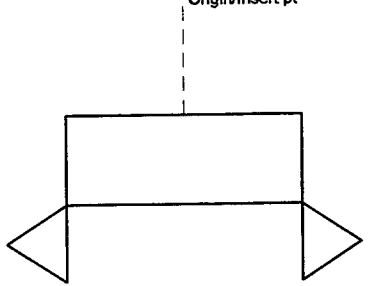
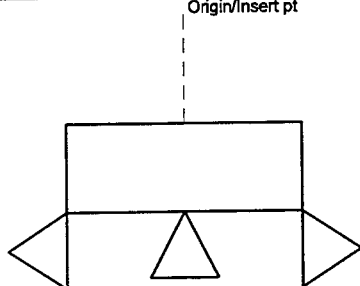
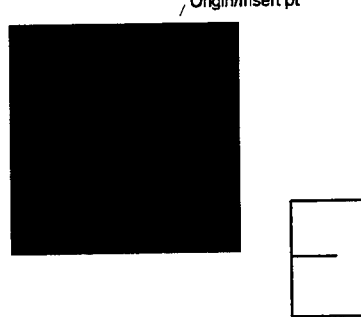
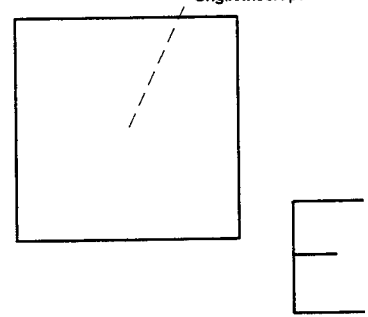
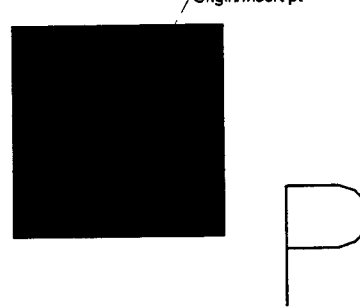
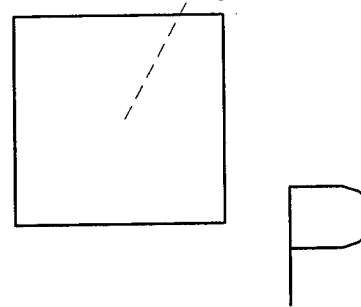
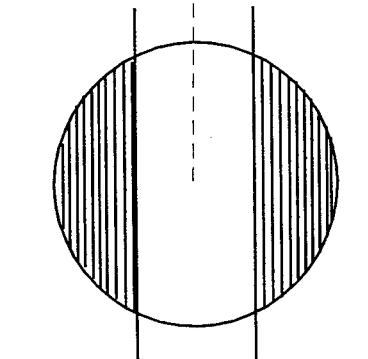
13 Electrical Symbols Library

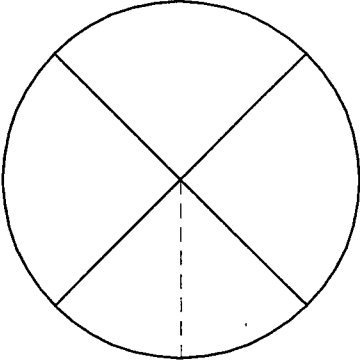
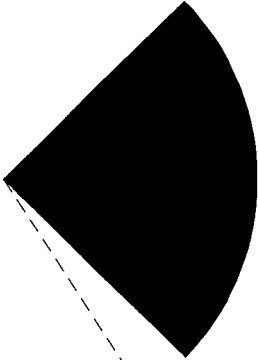
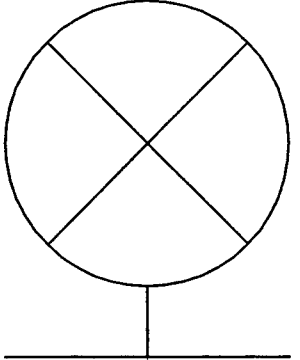
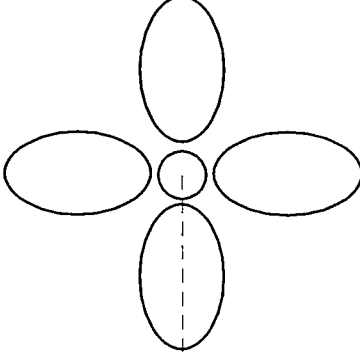
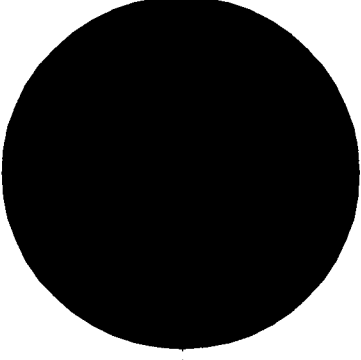
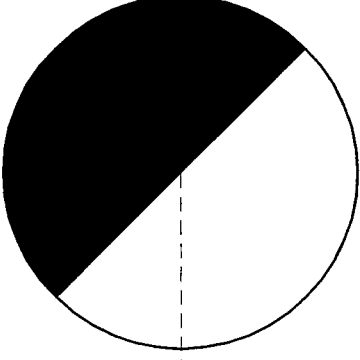
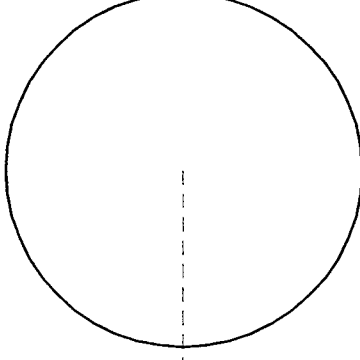
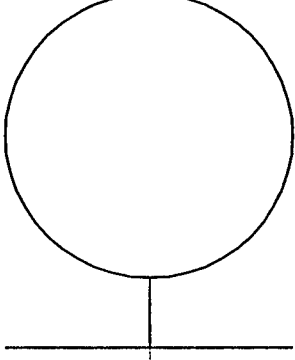
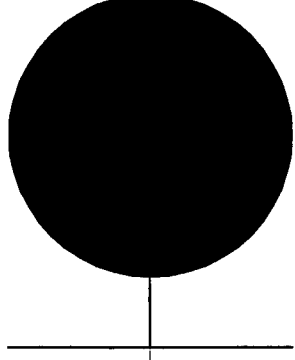
		
<p>Electrical:1DIR DIRECTION ARROW Element type: Symbol</p>	<p>Electrical:2DIR DOUBLE DIRECTION ARROW Element type: Symbol</p>	<p>Electrical:ACCBIO BIOMETRIC ACCESS CONTROL Element type: Symbol</p>
		
<p>Electrical:ACLEL APPROACH LIGHTBAR_ELEVATED Element type: Symbol</p>	<p>Electrical:ACLLSF APPROACH LIGHTBAR_SEMIFLUSH Element type: Symbol</p>	<p>Electrical:AERROD AERIAL ROD Element type: Symbol</p>
		
<p>Electrical:AFBCN AIRFIELD BEACON Element type: Symbol</p>	<p>Electrical:ANNUN ANNUNCIATOR Element type: Symbol</p>	<p>Electrical:ANNUNT LOCAL CNTRL ANNUNCIATON UNT Element type: Symbol</p>

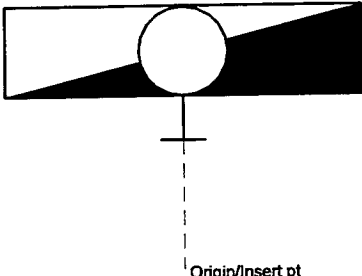
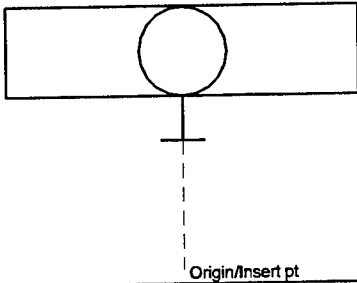
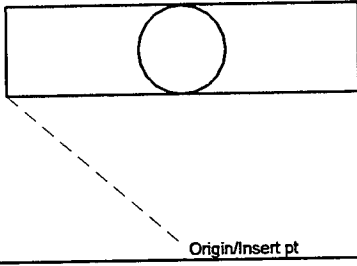
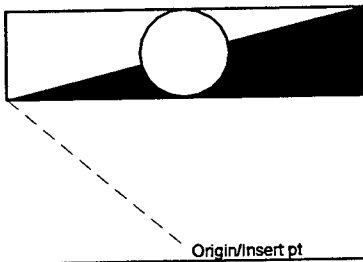
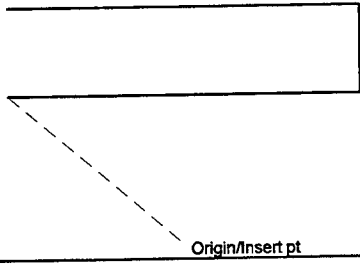
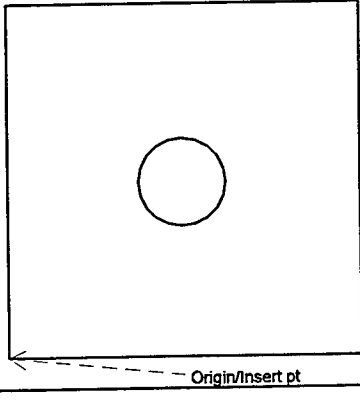
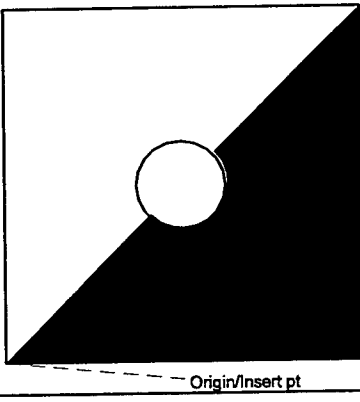
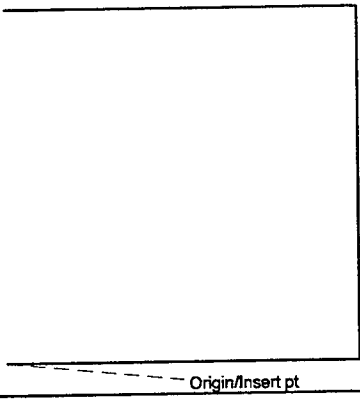
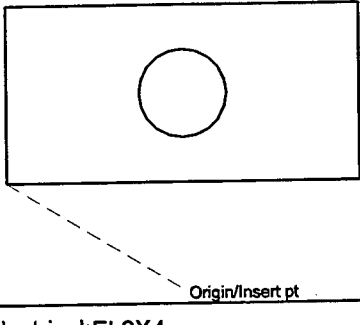
		
<p>Electrical:ARREST LIGHTNING ARRESTOR Element type: Symbol</p>	<p>Electrical:BARMKR BARRIER MARKER Element type: Symbol</p>	<p>Electrical:BATTTRY BATTERY Element type: Symbol</p>
		
<p>Electrical:BELL BELL Element type: Symbol</p>	<p>Electrical:BUZZER BUZZER Element type: Symbol</p>	<p>Electrical:CAPCTR CAPACITOR Element type: Symbol</p>
		
<p>Electrical:CARDRD CARD READER Element type: Symbol</p>	<p>Electrical:CBDOUT DRAWOUT CIRCUIT BREAKER Element type: Symbol</p>	<p>Electrical:CBMCAS MOLDED CASE CKT BREAKER Element type: Symbol</p>

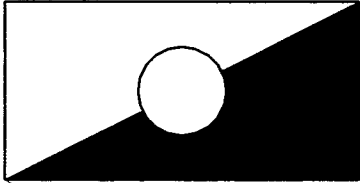
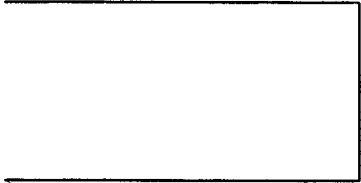
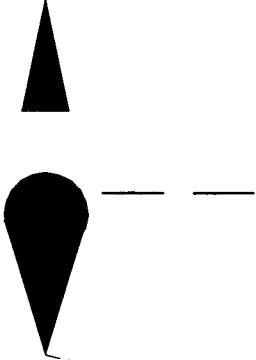
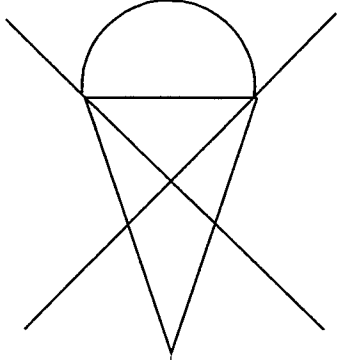
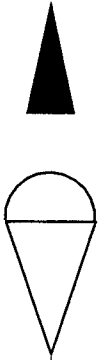

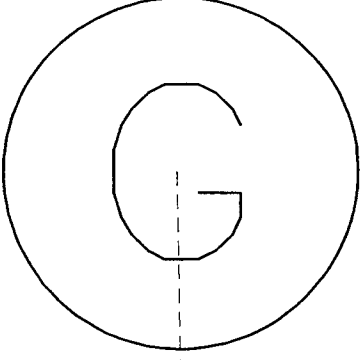
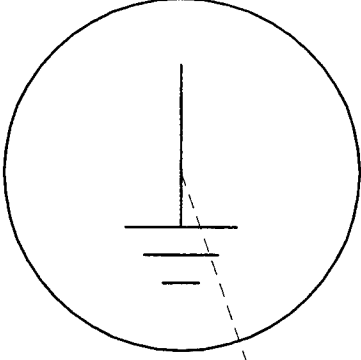
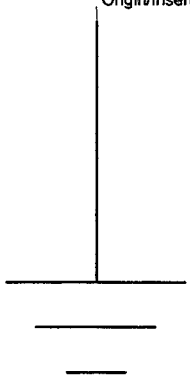
		
<p>Electrical:CHIME CHIME Element type: Symbol</p>	<p>Electrical:CKTID CIRCUIT ID SYMBOL Element type: Symbol</p>	<p>Electrical:CLOCKW CLOCK OUTLET WALL MOUNTED Element type: Symbol</p>
		
<p>Electrical:CMHLN COMMO MANHOLE NEW Element type: Symbol</p>	<p>Electrical:CMHLX COMMO MANHOLE_EXIST Element type: Symbol</p>	<p>Electrical:CMPANL COMMUNICATION PANEL Element type: Symbol</p>
		
<p>Electrical:CPLTM CKT LINE TERMINATOR Element type: Symbol</p>	<p>Electrical:CPREC2 CP RECTIFIER Element type: Symbol</p>	<p>Electrical:CPSAN CP SACRIFICIAL ANODE Element type: Symbol</p>

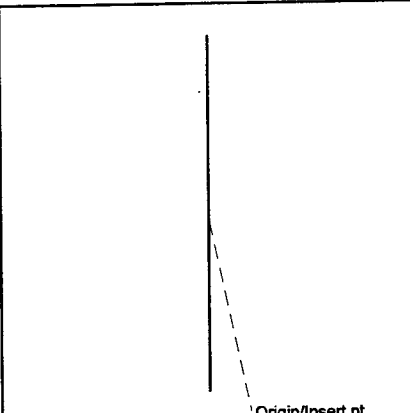
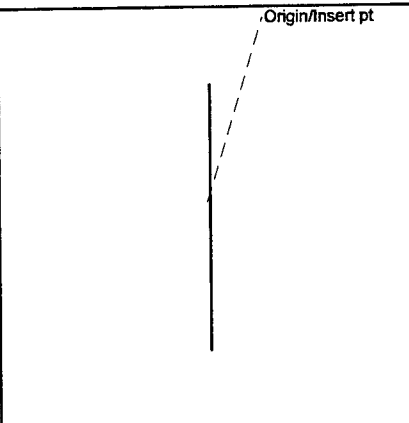
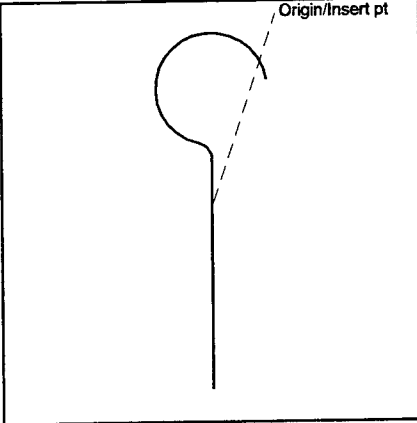
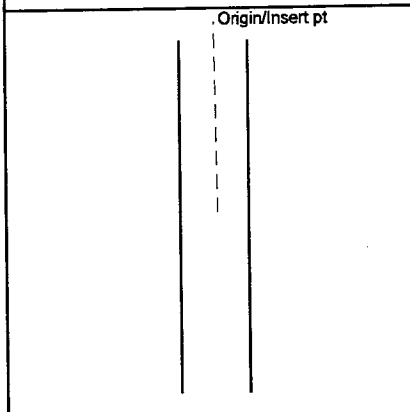
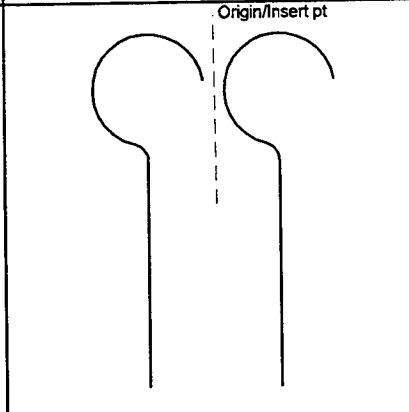
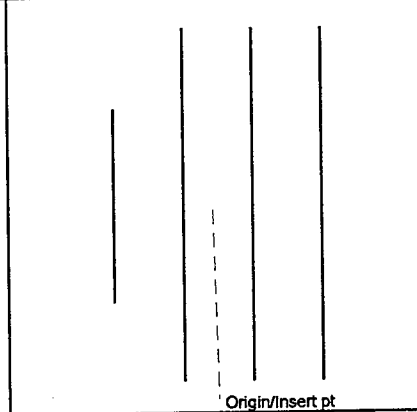
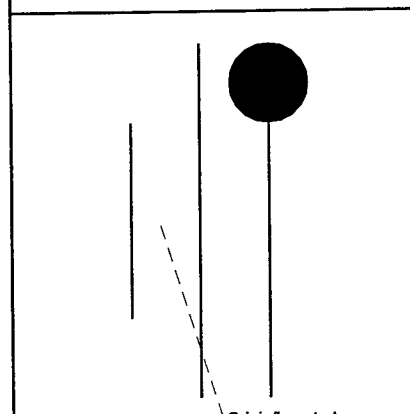
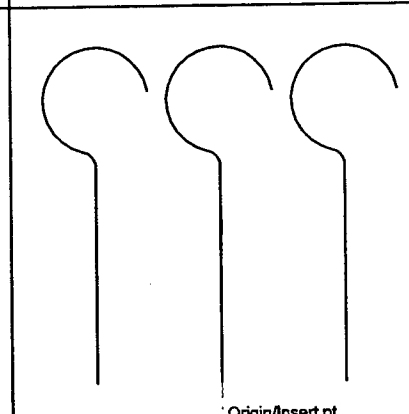
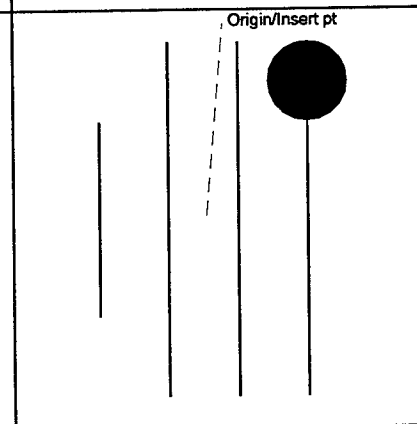
		
<p>Electrical:CPTEST CATHODIC PROTECT TEST STATN Element type: Symbol</p>	<p>Electrical:DBID DUCTBANK ID SYMBOL Element type: Symbol</p>	<p>Electrical:DGUYN DOWNGUY_NEW Element type: Symbol</p>
		
<p>Electrical:DGUYR DOWNGUY_REMOVE Element type: Symbol</p>	<p>Electrical:DOROPN ELECTRIC DOOR OPENER Element type: Symbol</p>	<p>Electrical:DSTMKR RW DISTANCE MARKER Element type: Symbol</p>
		
<p>Electrical:DTHL DISPLACE THRESHOLD LIGHT Element type: Symbol</p>	<p>Electrical:DXFMR DRY TYPE TRANSFORMER Element type: Symbol</p>	<p>Electrical:EHHLN ELEC HANDHOLE_NEW Element type: Symbol</p>

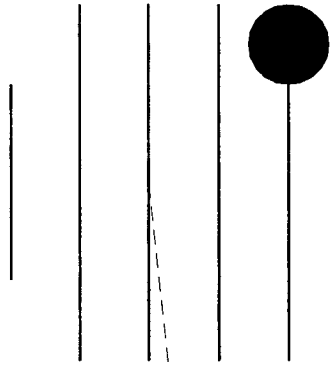

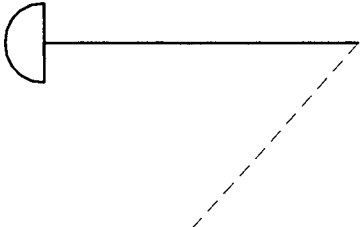
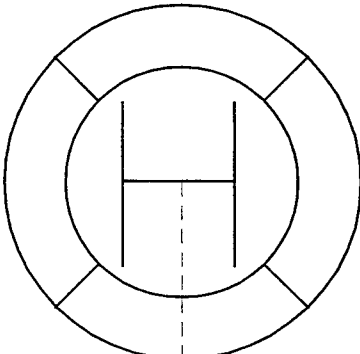
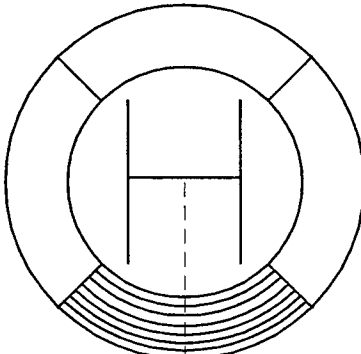
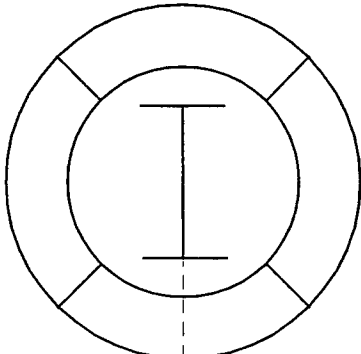
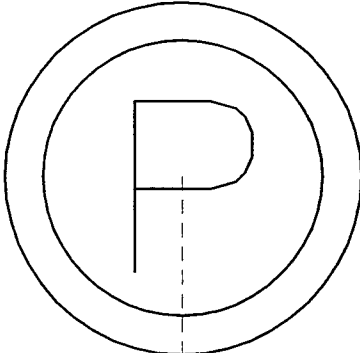
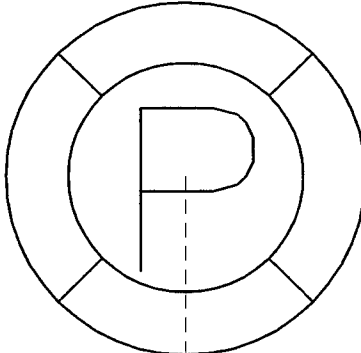
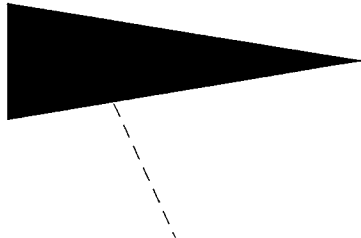
		
<p>Electrical: EHLX ELEC HANDHOLE_EXIST Element type: Symbol</p>	<p>Electrical: ELBP1L 1LAMP EMRGNCY LGHTBTTRY PWR Element type: Symbol</p>	<p>Electrical: ELBP2L 2LAMP EMRGNCY LGHTBTTRY PWR Element type: Symbol</p>
		
<p>Electrical: ELBP3L 3LAMP EMRGNCY LGHTBTTRY PWR Element type: Symbol</p>	<p>Electrical: EMHLN ELEC MANHOLE_NEW Element type: Symbol</p>	<p>Electrical: EMHLX ELEC MANHOLE_EXIST Element type: Symbol</p>
		
<p>Electrical: EPBXN ELEC PULLBOX_NEW Element type: Symbol</p>	<p>Electrical: EPBXX ELEC PULLBOX_EXIST Element type: Symbol</p>	<p>Electrical: ERECPT EMERGENCY RECEPTACLE Element type: Symbol</p>

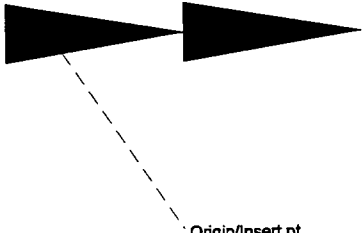
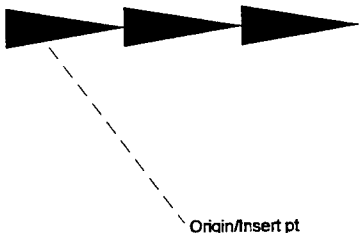
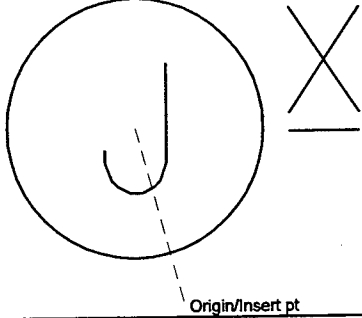
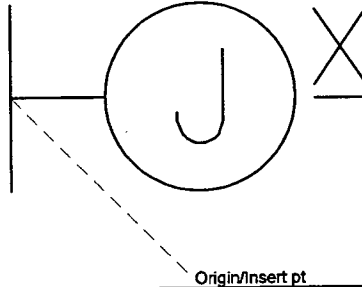
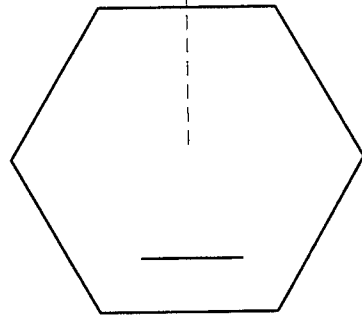
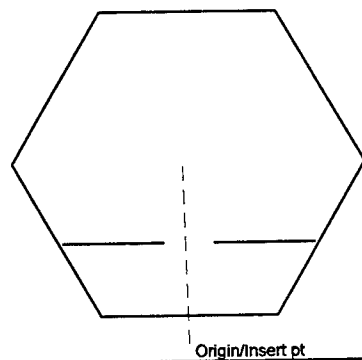
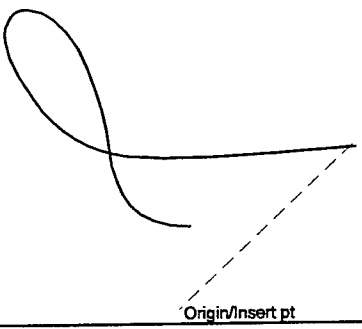
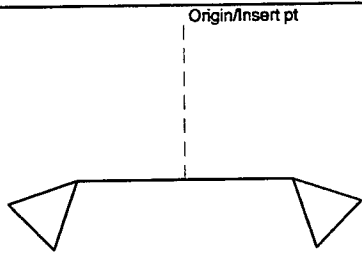
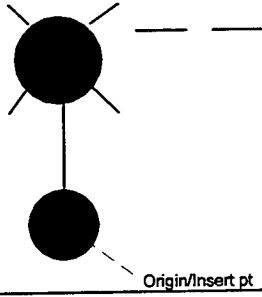
		
<p>Electrical:EXITCM CEILING MNTD EXITSIGN LIGHT Element type: Symbol</p>	<p>Electrical:EXITLF EXIT SIGN LIGHTED FACE Element type: Symbol</p>	<p>Electrical:EXITWM WALL MOUNTD EXIT SIGN LIGHT Element type: Symbol</p>
		
<p>Electrical:FAN CEILING FAN Element type: Symbol</p>	<p>Electrical:FIXSPB PENDANT BATTERY FIXTURE Element type: Symbol</p>	<p>Electrical:FIXSPQ PENDANT QUARTZ RESTRIKE Element type: Symbol</p>
		
<p>Electrical:FIXSPR PENDANT FIXTURE Element type: Symbol</p>	<p>Electrical:FIXWM WALL MOUNTED FIXTURE Element type: Symbol</p>	<p>Electrical:FIXWMB WALL MOUNTED BATTERY FIXTURE Element type: Symbol</p>

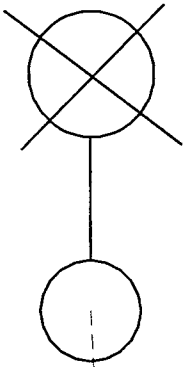
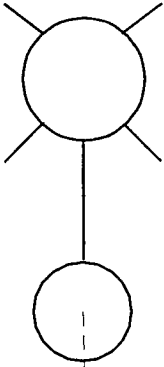
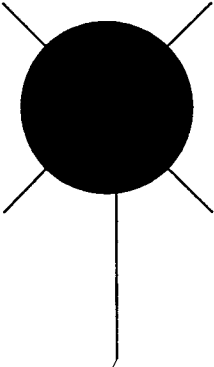
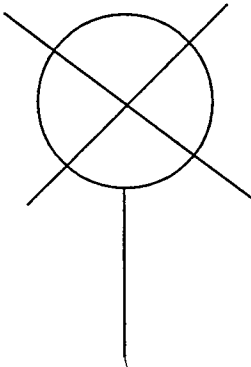
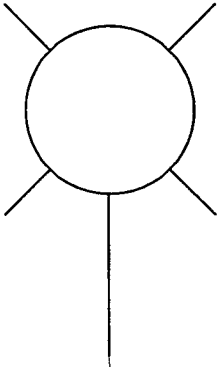
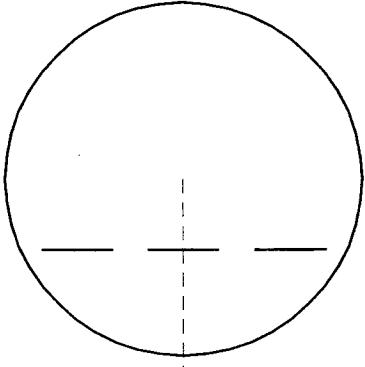
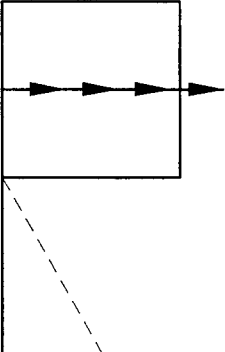
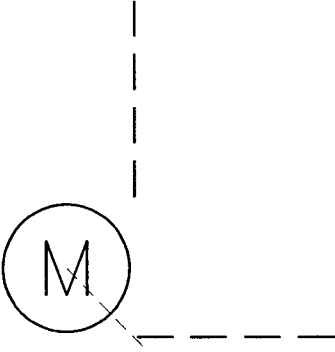
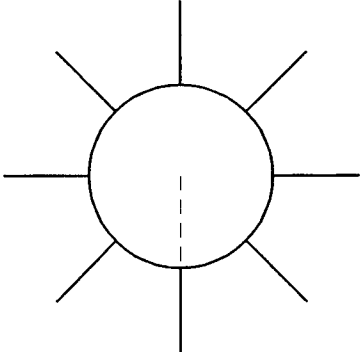
		
<p>Electrical: FL14WB 1X4 WALL MNT FIXT W BATTERY Element type: Symbol</p>	<p>Electrical: FL14WM 1X4 WALL MNT FIXTURE Element type: Symbol</p>	<p>Electrical: FL1X4 1X4 LIGHT FIXTURE Element type: Symbol</p>
		
<p>Electrical: FL1X4B 1X4 LIGHT FIXTURE W BATTERY Element type: Symbol</p>	<p>Electrical: FL1X4C 1X4 LIGHT CONTINUOUS Element type: Symbol</p>	<p>Electrical: FL2X2 2X2 LIGHT FIXTURE Element type: Symbol</p>
		
<p>Electrical: FL2X2B 2X2 LIGHT FIXTURE W BATTERY Element type: Symbol</p>	<p>Electrical: FL2X2C 2X2 LIGHT CONTINUOUS Element type: Symbol</p>	<p>Electrical: FL2X4 2X4 LIGHT FIXTURE Element type: Symbol</p>

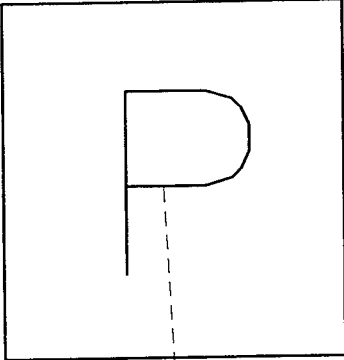


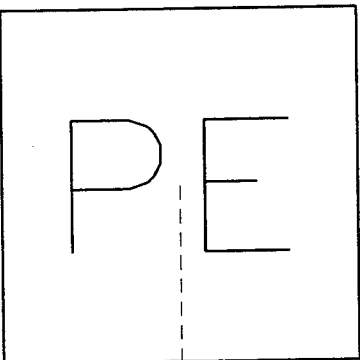
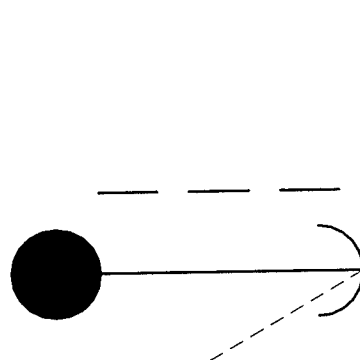
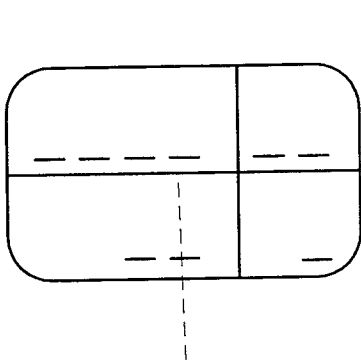
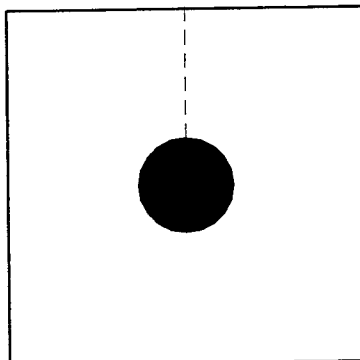
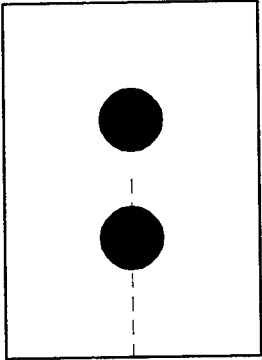
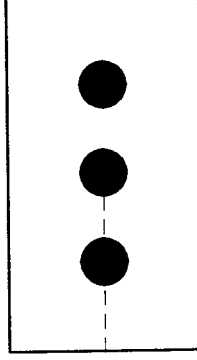
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 <p>Origin/Insert pt</p>	 <p>Origin/Insert pt</p>	 <p>Origin/Insert pt</p>
<p>Electrical:FLTR FLOODLIGHT_REMOVE Element type: Symbol</p>	<p>Electrical:FLTX FLOODLIGHT_EXISTING Element type: Symbol</p>	<p>Electrical:FUSRAT FUSE WITH RATING Element type: Symbol</p>
 <p>Origin/Insert pt</p>	 <p>Origin/Insert pt</p>	 <p>Origin/Insert pt</p>
<p>Electrical:GENRTR GENERATOR Element type: Symbol</p>	<p>Electrical:GRDROD GROUNDING ROD Element type: Symbol</p>	<p>Electrical:GROUND EARTH GROUND Element type: Symbol</p>

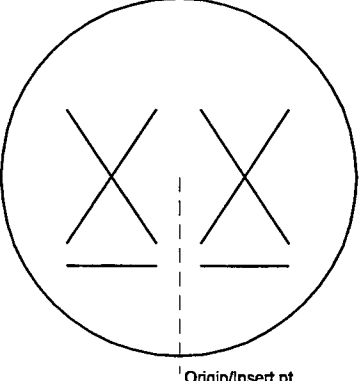
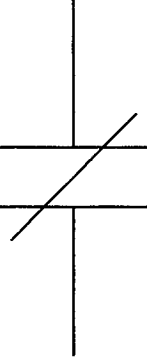
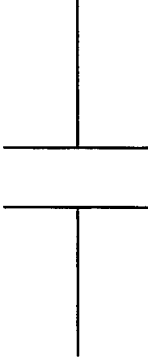
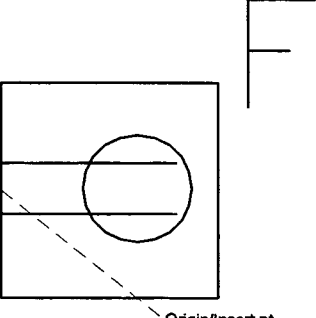
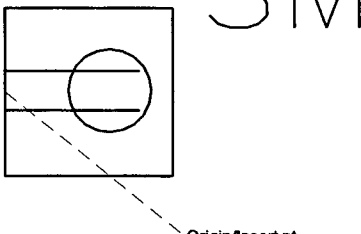
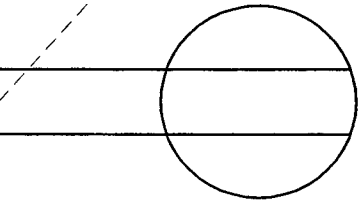
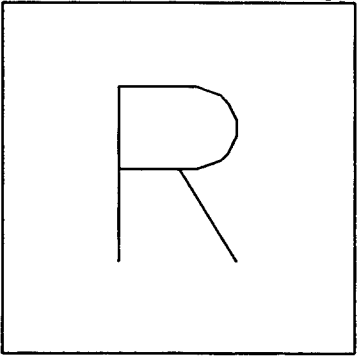
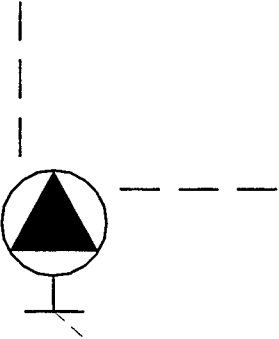
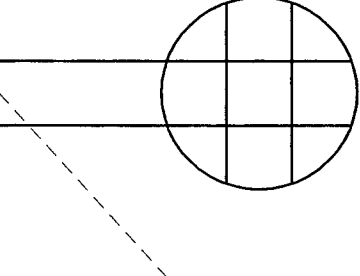
		
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Electrical:HAS2H 2 HOT LEGS Element type: Symbol	Electrical:HAS2S 2 SWITCH LEGS Element type: Symbol	Electrical:HAS3HN 3 HOT 1 NEUT LEGS Element type: Symbol
		
Electrical:HAS3MK HOT NEUTRAL GROUND Element type: Symbol	Electrical:HAS3S 3 SWITCH LEG Element type: Symbol	Electrical:HAS4MK 2 HOT NEUTRAL GROUND Element type: Symbol

		
<p>Electrical:HAS5MK 3 HOT NEUTRAL GROUND Element type: Symbol</p>	<p>Electrical:HASGND 1 GROUND LEG Element type: Symbol</p>	<p>Electrical:HEDASW AERIAL SERVICE WEATHER HEAD Element type: Symbol</p>
		
<p>Electrical:HLL HOVERLANE Element type: Symbol</p>	<p>Electrical:HLLL HOVERLANE LIMIT LIGHT Element type: Symbol</p>	<p>Electrical:HPIL HELIPAD INSET LIGHT Element type: Symbol</p>
		
<p>Electrical:HPPLEL HELIPAD PER LIGHT ELEVATED Element type: Symbol</p>	<p>Electrical:HPPLSF HELIPAD PERLIGHT SEMIFLUSH Element type: Symbol</p>	<p>Electrical:HRUN1 HOME RUN 1 Element type: Symbol</p>

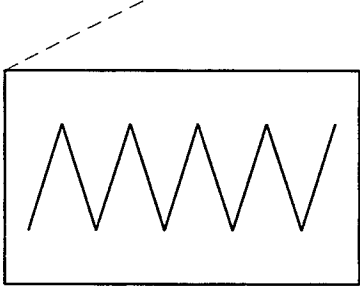
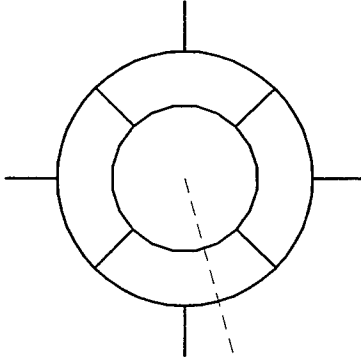
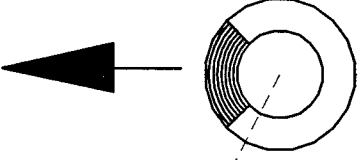
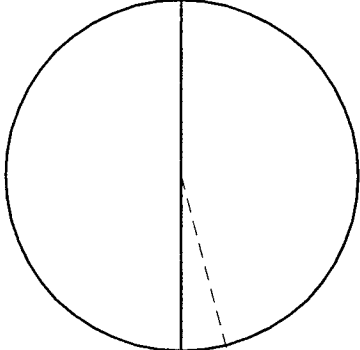
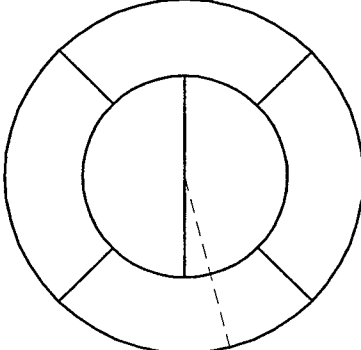


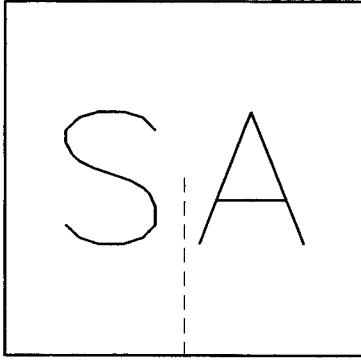
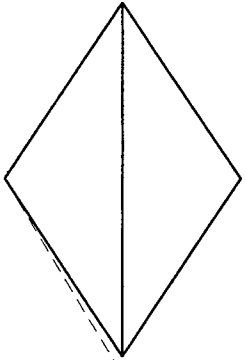
		
<p>Electrical: HRUN2 HOME RUN 2 Element type: Symbol</p>	<p>Electrical: HRUN3 HOME RUN 3 Element type: Symbol</p>	<p>Electrical: JNBX EXTERIOR UTIL JUNCTION BOX Element type: Symbol</p>
		
<p>Electrical: JNBXWM JUNCTION BOX WALL MT Element type: Symbol</p>	<p>Electrical: KNR KEYED NOTE REFERENCE Element type: Symbol</p>	<p>Electrical: KNRM KEYED NOT MULTIPLE Element type: Symbol</p>
		
<p>Electrical: LEADER LEADER LINE Element type: Symbol</p>	<p>Electrical: LITEBR EMRGNCYBTTRY PWRLGHTREMOT Element type: Symbol</p>	<p>Electrical: LTPLN LIGHT POLE_NEW Element type: Symbol</p>

 <p>Origin/Insert pt</p>	 <p>Origin/Insert pt</p>	 <p>Origin/Insert pt</p>
<p>Electrical:LTPLR LIGHT POLE_REMOVE Element type: Symbol</p>	<p>Electrical:LTPLX LIGHT POLE_EXISTING Element type: Symbol</p>	<p>Electrical:LTSTRN STREET LITE BRACKET_NEW Element type: Symbol</p>
 <p>Origin/Insert pt</p>	 <p>Origin/Insert pt</p>	 <p>Origin/Insert pt</p>
<p>Electrical:LTSTRR STREET LITE BRACKET_REMOVE Element type: Symbol</p>	<p>Electrical:LTSTRX STREET LITE BRACKET_EXIST Element type: Symbol</p>	<p>Electrical:METREL ELECTRICAL METER Element type: Symbol</p>
 <p>Origin/Insert pt</p>	 <p>Origin/Insert pt</p>	 <p>Origin/Insert pt</p>
<p>Electrical:MICROW OUTDOOR MICROWAVE XMIT UNT Element type: Symbol</p>	<p>Electrical:MOTRHP MOTOR HP Element type: Symbol</p>	<p>Electrical:OBSTRL OBSTRUCTION LIGHT Element type: Symbol</p>

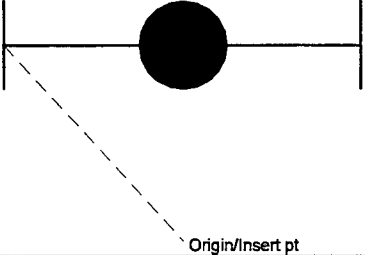
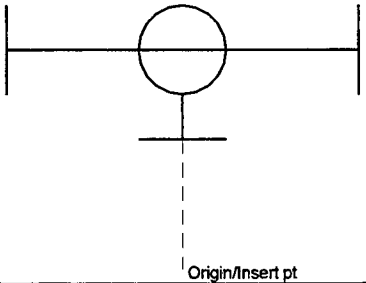
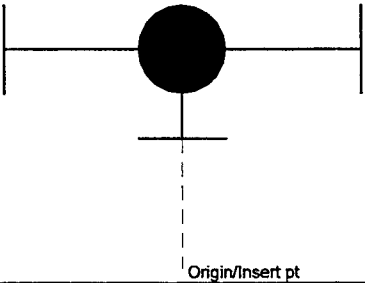
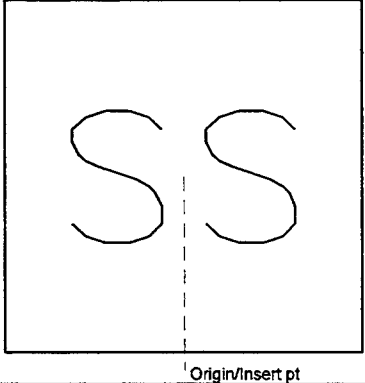
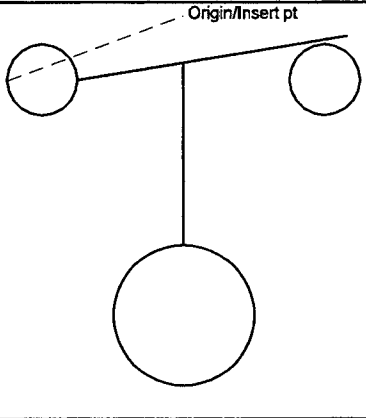
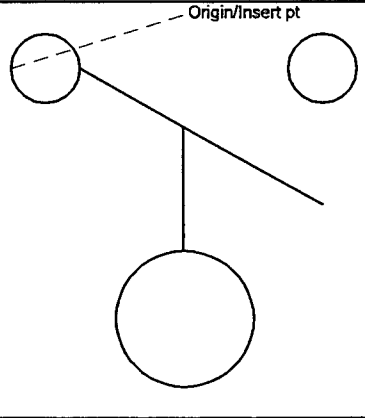
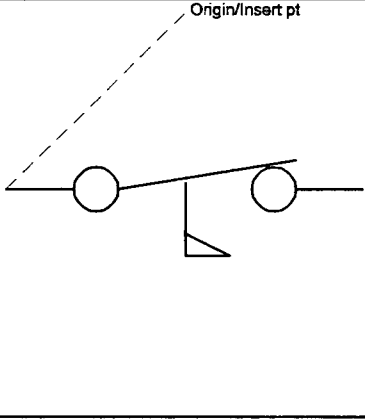
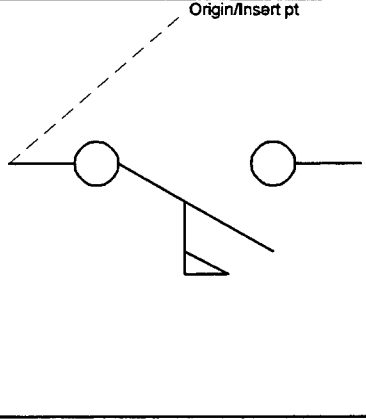
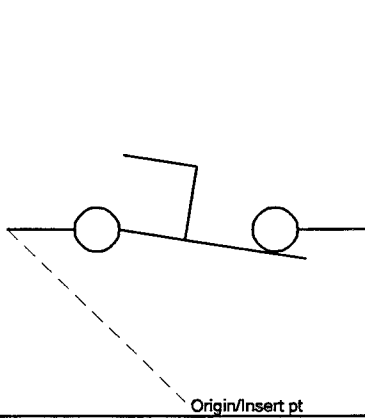
		
<p>Electrical:PAPI PAPI LIGHT UNIT Element type: Symbol</p>	<p>Electrical:PBPMC FLUSH MNTD PANELBRD CABINET Element type: Symbol</p>	<p>Electrical:PBSMC SURFACE MNTD PANELBRD CAB Element type: Symbol</p>
		
<p>Electrical:PHOTO PHOTOELECTRIC RELAY Element type: Symbol</p>	<p>Electrical:POLEAR AERIAL POLE W GUYING Element type: Symbol</p>	<p>Electrical:POLEID POLE IDENT. SYMBOL Element type: Symbol</p>
		
<p>Electrical:PSHST1 ONE PUSHBUTTON STATION Element type: Symbol</p>	<p>Electrical:PSHST2 TWO PUSHBUTTON STATION Element type: Symbol</p>	<p>Electrical:PSHST3 THREE PUSHBUTTON STATION Element type: Symbol</p>

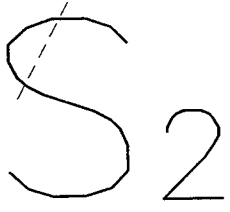
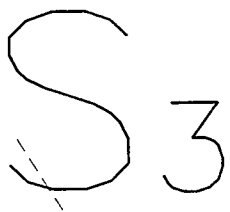
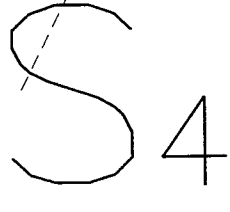
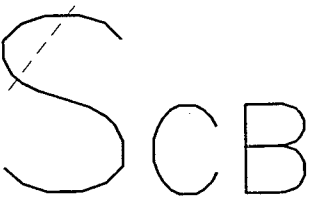
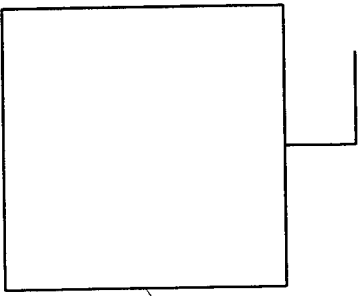

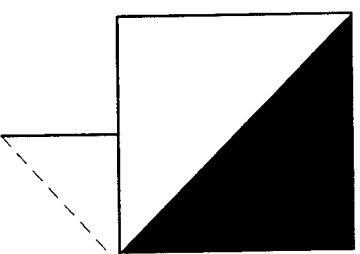
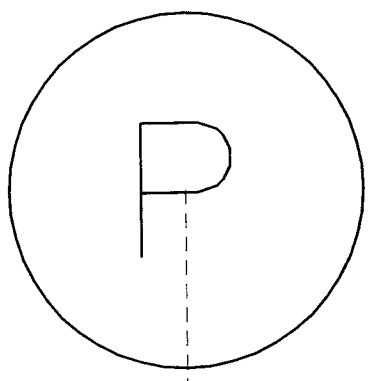
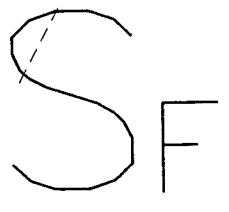
		
<p>Electrical:PWRDVC POWER SYSTEM DEVICE ANSI Element type: Symbol</p>	<p>Electrical:RCNC NORMALLY CLSD RELAY CONTACT Element type: Symbol</p>	<p>Electrical:RCNO NORMALLY OPEN RELAY CONTACT Element type: Symbol</p>
		
<p>Electrical:RECDFM DOUBLEFLUSHMOUNTFLOOROUTLET Element type: Symbol</p>	<p>Electrical:RECDSM DOUBLESURFMOUNTFLOOROUTLET Element type: Symbol</p>	<p>Electrical:RECDUP DUPLEX RECEPTACLE Element type: Symbol</p>
		
<p>Electrical:RECLOS RECLOSER AERIAL AUTOMATIC Element type: Symbol</p>	<p>Electrical:RECPT2 SPECIAL RECEPTACLE Element type: Symbol</p>	<p>Electrical:RECQUA QUADRAPLEX RECEPTACLE Element type: Symbol</p>

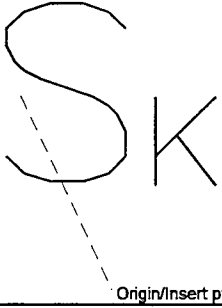



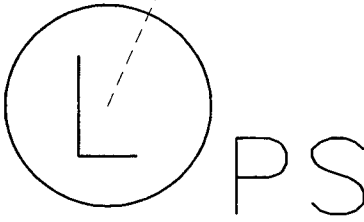

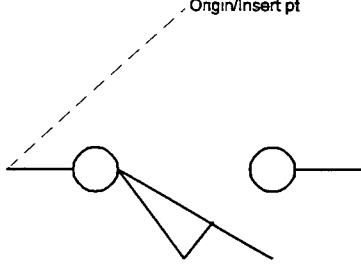
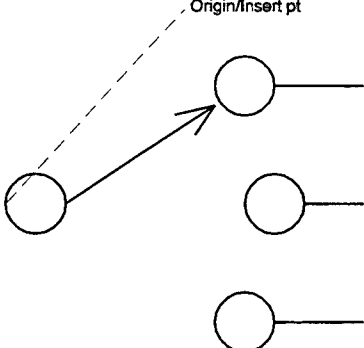
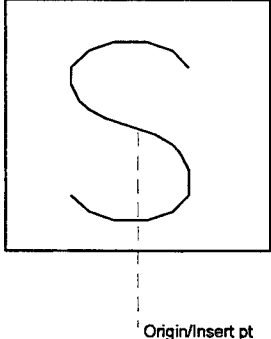
Electrical: RECRAN RECEPTACLE RANGE Element type: Symbol	Electrical: RECSDP SWITCHED DUPLEX RECEPTACLE Element type: Symbol	Electrical: RECSFM SINGLE FLUSH MOUNT FLR OUTL Element type: Symbol
Electrical: RECSIN SINGLE RECEPTACLE Element type: Symbol	Electrical: RECSNS SNGL RECEPTACLE WITH SWITCH Element type: Symbol	Electrical: RECSPR SPECIAL PURPOSE RECEPTACLE Element type: Symbol
Electrical: RECSSM SINGLESURFMOUNTFLOOROUTLET Element type: Symbol	Electrical: REIL REIL LIGHT UNIT Element type: Symbol	Electrical: RELYOP RELAY OP COIL Element type: Symbol

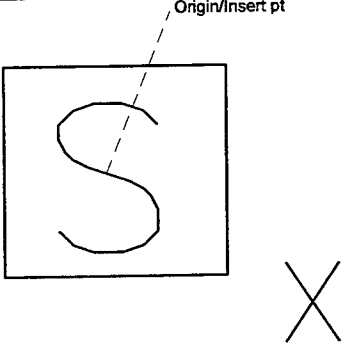
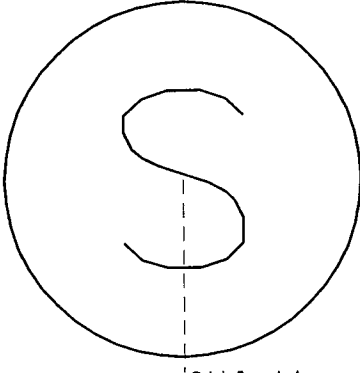
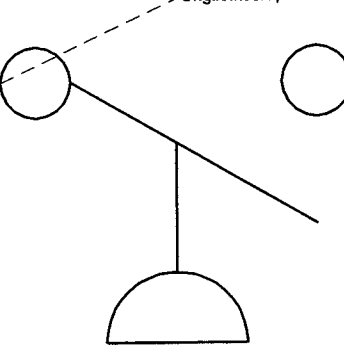
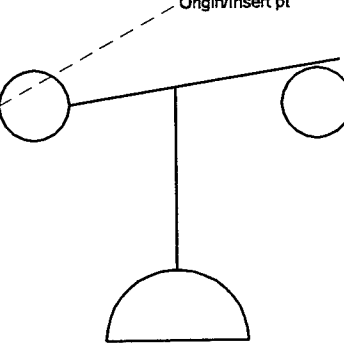
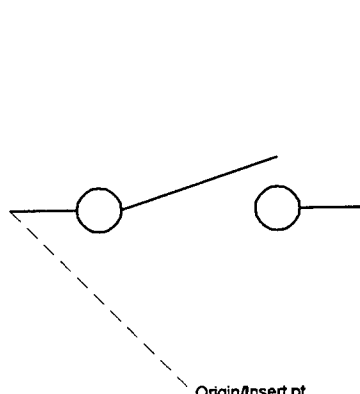
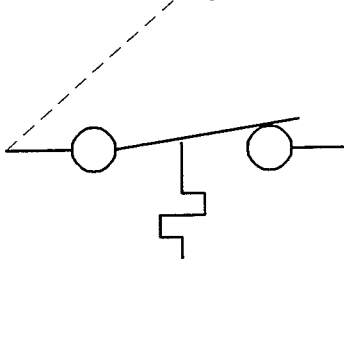
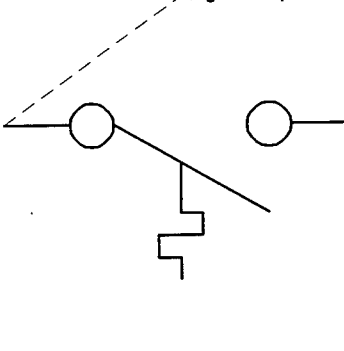
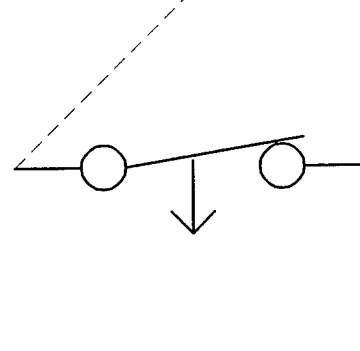
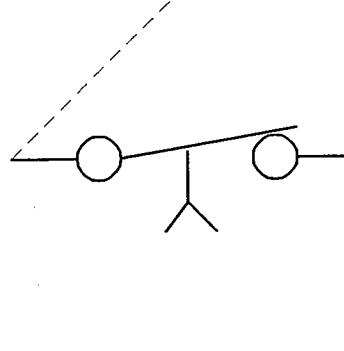
		
<p>Electrical: RESHTR ELECTRIC RESISTANCE HEATER Element type: Symbol</p>	<p>Electrical: RWCLL RW CENTERLINE LIGHT Element type: Symbol</p>	<p>Electrical: RWEL RW END LIGHT Element type: Symbol</p>
		
<p>Electrical: RWLEL RW EDGE LIGHT ELEVATED Element type: Symbol</p>	<p>Electrical: RWLSF RW EDGE LIGHT SEMIFLUSH Element type: Symbol</p>	<p>Electrical: S3ABC 3 THREE WAY SWITCHES Element type: Symbol</p>
		
<p>Electrical: SABC THREE SINGLE SWITCHES Element type: Symbol</p>	<p>Electrical: SECTAA SECTIONALIZER AERIAL AUTO Element type: Symbol</p>	<p>Electrical: SENG GENERIC VOLUMETRIC SENSOR Element type: Symbol</p>

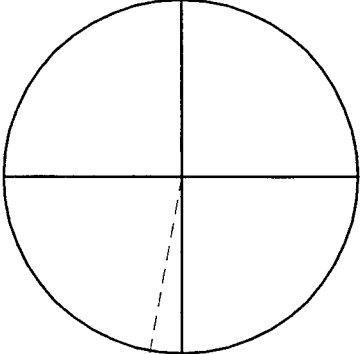
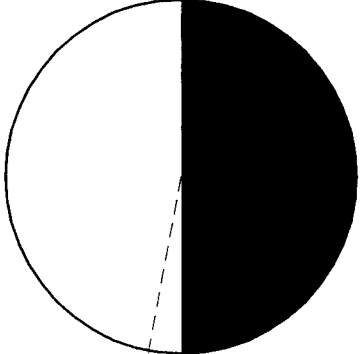
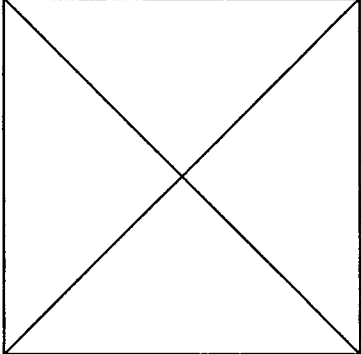
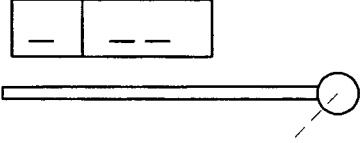
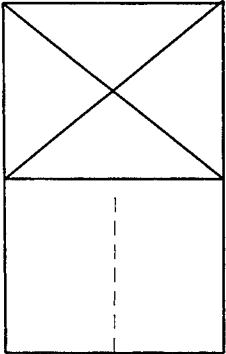
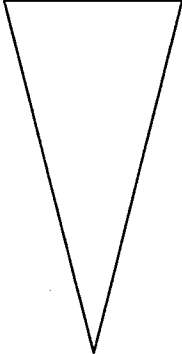
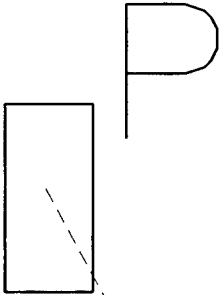
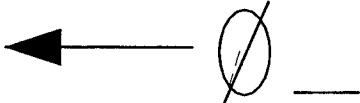
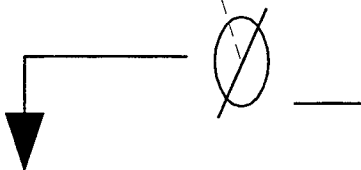
Electrical: SENULS ULTRASONIC SENSOR Element type: Symbol	Electrical: SFL SEQUENCED FLASHER LIGHT Element type: Symbol	Electrical: SLLN STLTL LUMINAIRE_NEW Element type: Symbol
Electrical: SLLR STLTL LUMINAIRE_REMOVE Element type: Symbol	Electrical: SLLX STLTL LUMINAIRE_EXISTING Element type: Symbol	Electrical: SLREG CONSTNT CURRENT TRANSFORMER Element type: Symbol
Electrical: SM MOTOR SWITCH Element type: Symbol	Electrical: SOUNDS SOUND SYSTEM INDICATE USE Element type: Symbol	Electrical: STP14 SURF PEND REC 1X4 STRP Element type: Symbol

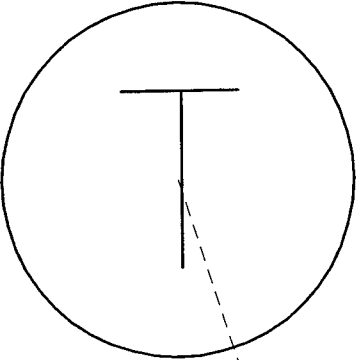
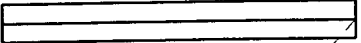
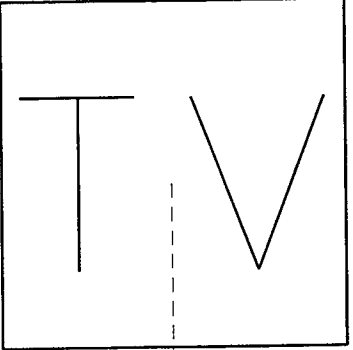
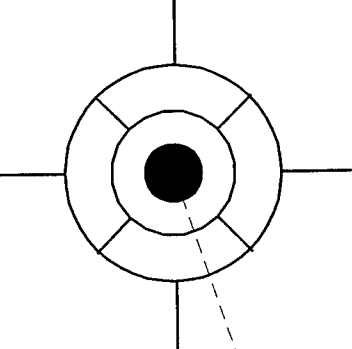
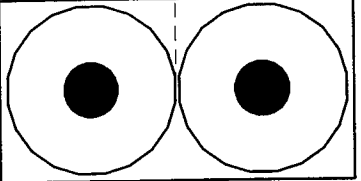
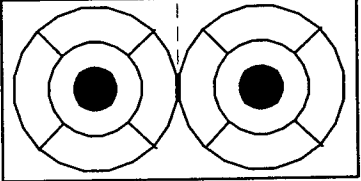
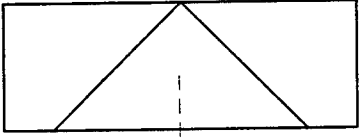
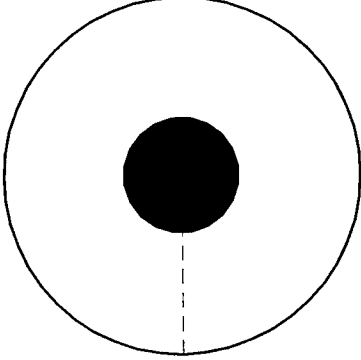
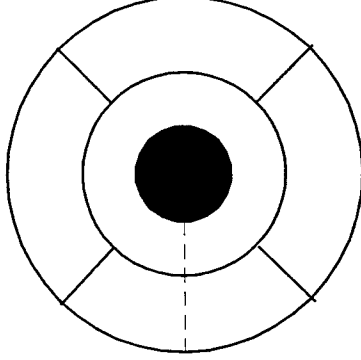
		
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<p>Electrical:SUBSTA SUBSTATION Element type: Symbol</p>	<p>Electrical:SWFLNC NORMALLY CLOSED FLOAT SWITCH Element type: Symbol</p>	<p>Electrical:SWFLNO NORMALLY OPEN FLOAT SWITCH Element type: Symbol</p>
		
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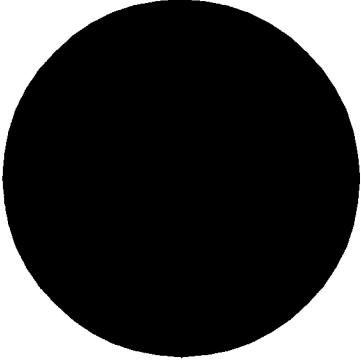
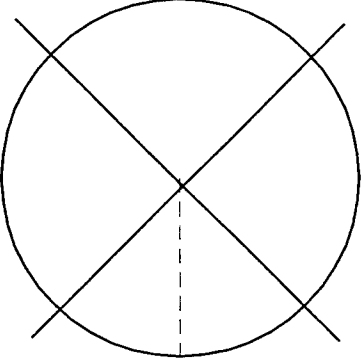
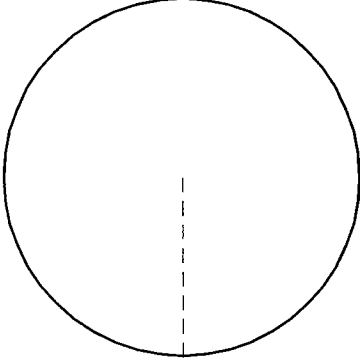
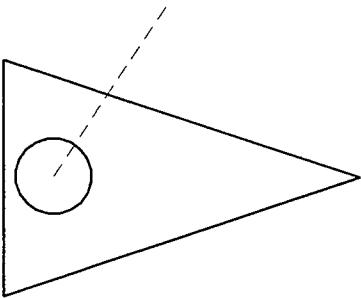
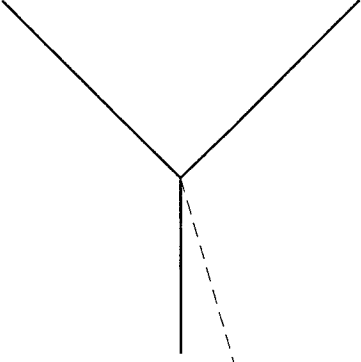
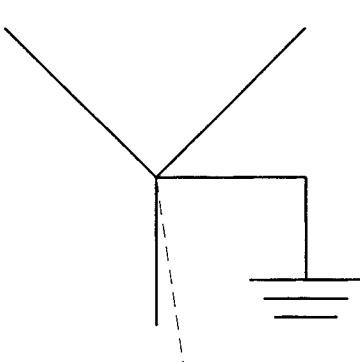
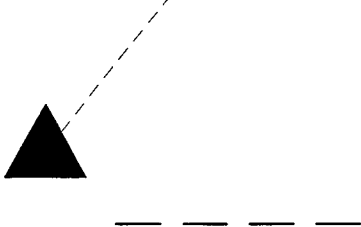
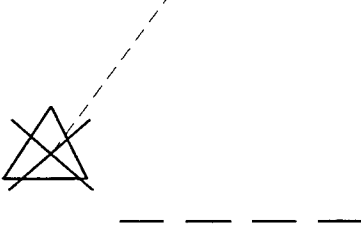
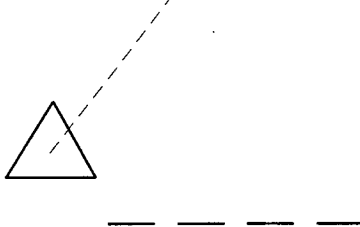
		
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Electrical: SWICB CIRCUIT BREAKER Element type: Symbol	Electrical: SWIDIS DISCONNECT SWITCH Element type: Symbol	Electrical: SWIDM1 DIMMER Element type: Symbol
		
Electrical: SWIDM2 DIMMER SWITCH Element type: Symbol	Electrical: SWIDUR DURESS SWITCH Element type: Symbol	Electrical: SWIFUS FUSED SWITCH Element type: Symbol


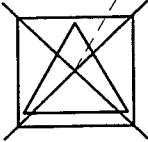

		
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<p>Electrical:SWTIM TIMER OPERATED SWITCH Element type: Symbol</p>	<p>Electrical:SWLAMP LAMP HOLDER POLE SWITCH Element type: Symbol</p>	<p>Electrical:SWLNC NORMALLY CLOSED LIMIT SWITCH Element type: Symbol</p>
		
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<p>Electrical:SWPOOI PRESS SWITCH OPN ON INCREASE Element type: Symbol</p>	<p>Electrical:SWSBRK SINGLE BREAK SWITCH Element type: Symbol</p>	<p>Electrical:SWTANC NORMCLSDTEMPACTIVATEDSWTCH Element type: Symbol</p>
		
<p>Electrical:SWTANO NORMOPNTEMPACTIVATEDSWTCH Element type: Symbol</p>	<p>Electrical:SWTDNC NORM CLSD TIME DELAY SWITCH Element type: Symbol</p>	<p>Electrical:SWTDNO NORM OPEN TIME DELAY SWITCH Element type: Symbol</p>

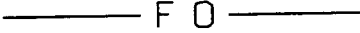
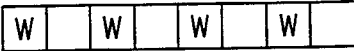
		
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<p>Electrical:TRFSIG TRAFFIC SIGNAL MAST ARM Element type: Symbol</p>	<p>Electrical:TSCTRL TR SIGNAL CONTROLLER Element type: Symbol</p>	<p>Electrical:TSHEAD TRAFFIC SIGNAL HEAD Element type: Symbol</p>
		
<p>Electrical:TSPBX TR SIGNAL PULLBOX Element type: Symbol</p>	<p>Electrical:TSPHS TR SIGNAL PH NO_THRU Element type: Symbol</p>	<p>Electrical:TSPHT TR SIGNAL PH NO_TURN Element type: Symbol</p>

		
<p>Electrical: TSTAT THERMOSTAT Element type: Symbol</p>	<p>Electrical: TSVLDT TR SIGNAL VEH LOOP DETECTOR Element type: Symbol</p>	<p>Electrical: TVOUT TELEVISION OUTLET Element type: Symbol</p>
		
<p>Electrical: TWCLL TW CENTERLINE LIGHT Element type: Symbol</p>	<p>Electrical: TWELEL TW END LIGHT ELEVATED Element type: Symbol</p>	<p>Electrical: TWELSF TW END LIGHT SEMIFLUSH Element type: Symbol</p>
		
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<p>Electrical:WINDCN WINDCONE Element type: Symbol</p>	<p>Electrical:WYECON XFMR WYE CONNECTION Element type: Symbol</p>	<p>Electrical:WYEXGC XFMR GROUNDED CONNECTION Element type: Symbol</p>
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<p>Electrical:XFRPLN XFMR_POLE_NEW Element type: Symbol</p>	<p>Electrical:XFRPLR XFMR_POLE_REMOVE Element type: Symbol</p>	<p>Electrical:XFRPLX XFMR_POLE_EXIST Element type: Symbol</p>

		
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14 Telecommunications Lines Library

	
<p>Telecommunications: FIBOPT FIBER OPTICS LINE Element type: Line</p>	<p>Telecommunications: WIREWY WIREWAY Element type: Line</p>

14 Telecommunications Symbols Library

<p>Telecommunications: GRDROD GROUNDING ROD Element type: Symbol</p>	<p>Telecommunications: RECDC DATA COMM WALL RECEPTACLE Element type: Symbol</p>	<p>Telecommunications: RECDCF DATA COMM FLOOR RECEPTACLE Element type: Symbol</p>
<p>Telecommunications: RECTDF TELEPHONE DATA FLOOR RECPTL Element type: Symbol</p>	<p>Telecommunications: RECTDW TELEPHONE DATA WALL RECPTL Element type: Symbol</p>	<p>Telecommunications: RECTEF TELEPHONE FLOOR RECEPTACLE Element type: Symbol</p>
<p>Telecommunications: RECTEL TELEPHONE WALL RECEPTACLE Element type: Symbol</p>	<p>Telecommunications: TBOOTH TELEPHONE BOOTH Element type: Symbol</p>	

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14. ABSTRACT The "A/E/C CADD Standard Manual" has been developed by the CADD/GIS Technology Center (CGTC) to reduce redundant CADD standardization efforts within the Army, Navy, and Air Force. The manual is part of an initiative to consolidate existing CADD drafting standards and to develop data standards that address the entire life-cycle of facilities within the Department of Defense Tri-Service. The CADD drafting standards addressed in the "A/E/C CADD Standard Manual" include presentation graphics, level/layer assignments, metric/English scales, electronic file naming, and standard symbology. As the manual evolves, it will also include nongraphic database standards that address issues such as cost engineering and specification generation. The CGTC's primary goal is to develop a CADD standard that is generic enough to operate under various CADD software packages (such as Intergraph's MicroStation and Autodesk's AutoCAD) and incorporate existing industry standards when possible.					
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16. SECURITY CLASSIFICATION OF:			17. LIMITATION OF ABSTRACT	18. NUMBER OF PAGES 284	19a. NAME OF RESPONSIBLE PERSON
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